

March 26, 2013

**Filed on RESS
Sent By Courier**

Kirsten Walli
Board Secretary
Ontario Energy Board
Suite 2700
2300 Yonge Street
Toronto, ON M4P 1E4



Barristers & Solicitors / Patent & Trade-mark Agents

Norton Rose Canada LLP
Royal Bank Plaza, South Tower, Suite 3800
200 Bay Street, P.O. Box 84
Toronto, Ontario M5J 2Z4 CANADA

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Your reference
EB-2012-0337

Direct line
+1 (416) 216-1927

Our reference
01015413-0031

Email
john.beauchamp@nortonrose.com

Dear Ms. Walli:

**Association of Power Producers of Ontario ("APPRO")
EB-2012-0337 – Union Gas 2013-2014 Large Volume Demand Side Management Plan**

Enclosed please find the cost claim submitted by APPRO in relation to the above-noted matter. The cost claim reflects coordinated work by lawyers at Norton Rose (most notably the writer and Rob Frank) in addition to consultants at Elenchus Research Associates and Navigant Consulting, Inc. APPRO's involvement in this proceeding was significant and included, among other things: preparation of evidence; extensive jurisdictional and legal research; responding to a motion to compel and the preparation of approximately 90-pages of interrogatory responses; extensive witness preparation; and participating in cross examination and argument during the oral hearing.

For the purposes of the proceeding, Mr. Frank's involvement, which began in mid-January, was required to ensure that APPRO's interests were protected throughout the hearing process. Every effort was made to avoid overlap between the work of the writer and that of Mr. Frank. Later in the process, both the writer and Mr. Frank recorded and billed to APPRO preparation time for certain activities (most notably preparing for and attending the oral hearing, as well as witness preparation), but again every effort was made to minimize duplication.

In summary, it is respectfully submitted that, under APPRO's instruction, its legal counsel and consultants have conducted their representation of APPRO responsibly and with a view to minimizing overlapping efforts while ensuring proper representation of APPRO's interests throughout the process. It is submitted that all claimed costs for APPRO were reasonably incurred, and are appropriately subject to recovery in accord with the Board's guidelines.

In addition, please note the following:

- While the receipts for John Wolnik's rail travel specify VIA "business class", we are only seeking reimbursement for the cost of "economy – regular fare" travel (complying with the *Practice Direction on Cost Awards* and the government's *Travel, Meal and Hospitality Expenses Directive*). The "economy – regular fare" for the trips are provided.
- APPRO's photocopying costs were only incurred for the preparation of those materials used by parties at the oral hearing (cross examination compendiums and final argument compendiums).
- Norton Rose is not seeking reimbursement for any meal expenses.

DOCSTOR: 2667414\1

- Regarding Mr. Zarumba's expenses:
 - While receipts for Mr. Zarumba's meal expenses exceed the proscribed meal allowances, we are only seeking reimbursement as per the applicable meal rates found in the government's *Travel, Meal and Hospitality Expenses Directive* (three dinners and one lunch, totalling \$71.25).
 - We are not seeking reimbursement for Mr. Zarumba's work permit charge (approx. \$150).
 - Mr. Zarumba's airfare on United was the cheapest option available to accommodate the Board's scheduling requirements. The fare displayed on the receipt is the economy fare equivalent – Mr. Zarumba was offered a complimentary upgrade to business class as a frequent flyer (he was not charged extra).

Please feel free to contact me if you have any questions or concerns.

Yours very truly,

Original signed by

John Beauchamp

JB/mnm

Enclosure

Ontario Energy Board
COST CLAIM FOR HEARINGS



Affidavit and Summary of Fees and Disbursements

This form should be used by a party to a hearing before the Board to identify the fees and disbursements that form the party's cost claim. Paper and electronic copies of this form and itemized receipts must be filed with the Board and served on one or more other parties as directed by the Board in the applicable Board order. Please ensure all required fields are filled in and the Affidavit portion is signed and sworn or affirmed.

Instructions

- Required data input is indicated by yellow-shaded fields. Formulas are present in the document to assist with the calculation of the cost claim.

- All claims must be in Canadian dollars. If applicable, state exchange rate and country of initial currency.

Rate: _____ Country: N/A

- A separate "Detail of Fees and Disbursements Being Claimed" (comprising a "Statement of Fees Being Claimed" and a "Statement of Disbursements Being Claimed") is required for each consultant or lawyer/articling student/paralegal. However, only one "Summary of Fees and Disbursements" covering the whole of the party's cost claim should be provided.

- The cost claim must be supported by a completed Affidavit signed by a representative of the party.

- A CV for each consultant must be attached unless, for a given consultant, a CV has been provided to the Board in another process within the last 24 months.

- **Except as provided in section 7.03 of the Practice Direction on Cost Awards, itemized receipts must be provided.**

File # EB- <u>2012-0337</u>	Process: <u>Union Gas 2013-2014 Large Volume DSM Plan</u>
Party: <u>APPrO</u>	Affiant's Name: <u>John Beauchamp</u>
HST Number: _____	HST Rate Ontario: <u>13.00%</u>
Full Registrant <input checked="" type="checkbox"/>	Qualifying Non-Profit <input type="checkbox"/>
Unregistered <input type="checkbox"/>	Tax Exempt <input type="checkbox"/>
Other <input type="checkbox"/>	

Affidavit

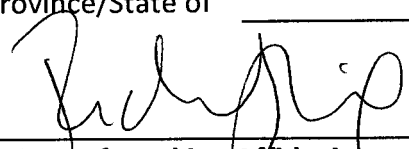
I, John Beauchamp, of the City/Town of Toronto
in the Province/State of Toronto, swear or affirm that:

1. I am a representative of the above-noted party (the "Party") and as such have knowledge of the matters attested to herein.
2. I have examined all of the documentation in support of this cost claim, including the attached "Summary of Fees and Disbursements Being Claimed", "Statement(s) of Fees Being Claimed" and "Statement(s) of Disbursements Being Claimed".
3. The attached "Summary of Fees and Disbursements Being Claimed", "Statement(s) of Fees Being Claimed" and "Statement(s) of Disbursements Being Claimed" include only costs incurred and time spent directly for the purposes of the Party's participation in the Ontario Energy Board process referred to above.
4. This cost claim does not include any costs for work done, or time spent, by a person that is an employee or officer of the Party as described in sections 6.05 and 6.09 of the Board's Practice Direction on Cost Awards.



Signature of Affiant

Sworn or affirmed before me at the City/Town of Toronto,
in the Province/State of Ontario, **on** March-26-13.
(date)



Commissioner for taking Affidavits

Ontario Energy Board
COST CLAIM FOR HEARINGS
Affidavit and Summary of Fees and Disbursements

File # EB-2012-0337
Party: APPrO

Process: Union Gas 2013-2014 Large Volume DSM Plan

Summary of Fees and Disbursements Being Claimed

Legal/Consultant Fees	\$ 169,099.00
Disbursements	\$ 4,133.45
HST	\$ 22,513.21
 Total Cost Claim	 \$ 195,745.66

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	Richard King
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input checked="" type="checkbox"/>	17	
Consultant:	<input type="checkbox"/>		
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	3.80	\$290.00	\$1,102.00	\$143.26	\$1,245.26
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference			\$0.00	\$0.00	\$0.00
Attendance - Oral Hearing			\$0.00	\$0.00	\$0.00
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$1,102.00	\$143.26	\$1,245.26

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone		\$0.00	\$0.00
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		included	\$0.00
Taxi or Airport Limo		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

Richard King**Partner****Toronto (Royal Bank Plaza), Canada****Norton Rose Canada LLP****+1 416.216.2311****richard.king@nortonrose.com****Ontario 1996**

Richard King practises energy, aboriginal and environmental law. He has been extensively involved in the Ontario energy sector for many years, and advises clients on commercial and regulatory matters related to power project development, power trading and utility regulation (rates and compliance). He has advised clients on a number of power transmission and generation projects in Ontario, including combined-cycle generation facilities (e.g., Greenfield Energy Centre's 1,005 MW plant), cogeneration plants (e.g., TransAlta's 440 MW Sarnia Plant), large and small-scale wind farms (e.g., 99 MW Erie Shores Windfarm), solar power facilities (including First Solar's developments in Ontario), and new transmission projects (e.g., Five Nations Energy Inc. line in James Bay). He regularly appears before the Ontario Energy Board and the National Energy Board on behalf of clients in project approval and rate regulation matters.

Mr. King's aboriginal law practice focuses on consultation and accommodation of aboriginal groups in connection with large natural resource projects (primarily in the energy and mining sectors). He assists clients with advice on their delegated duty to consult, the preparation of aboriginal consultation policies and reports, and negotiating and developing impact benefits agreements. Mr. King has unique expertise in relation to aboriginal matters related to large-scale, greenfield transmission projects, having acted for Five Nations Energy Inc., Ontario's first First-Nation-owned transmission company, and Wataynikaneyap Power (formed to connect Goldcorp's Musselwhite mine and 13 remote aboriginal communities in northern Ontario).

Mr. King's environmental practice focuses on the environmental aspects of major infrastructure projects in all economic sectors. This includes environmental assessment work, the review of environmental provisions in project development agreements, and diligence and management of environmental issues associated with new projects (e.g., contaminated lands, project approvals, risk allocation, etc.).

Mr. King completed course work towards a doctor of juridical science degree at University of Toronto law school in 2006.

Global expertise

Richard King

Carbon Capture and Storage; Cleantech; Climate change; Energy; Environment, safety and planning; Nuclear; Occupational health, safety and security; Renewables; Solar; Wind.

Local expertise

Aboriginal; Cleantech; Corporate responsibility and sustainability; Energy; Environmental; Governance and directors' liability.

Key industry sectors

Energy, Infrastructure, mining and commodities

Law school and education

LL.M., London School of Economics and Political Science, 1995

LL.B., Osgoode Hall Law School, 1993

M.E.S., York University, 1993

B.Sc., Western University, 1989

Selected client work

Mr. King is acting or has acted recently for the following clients:

Power transmission

- Wataynikaneyap Power in preparation for a leave to construct application to be filed with the Ontario Energy Board in 2013. This project will ultimately connect approximately 13 remote First Nation communities in northern Ontario
- Five Nations Energy Inc., since 2000, in connection with the greenfield development of a 270-kilometre transmission line along the west coast of James Bay. Five Nations is Ontario's only First Nation-owned transmission company

Power generation

- Greenfield Energy Centre LP (a Calpine/Mitsui venture) in respect of all environmental assessment and regulatory (including environmental) approvals associated with the construction and operation of a 1,005 MW combined-cycle gas-fired power plant in St. Clair Township, Ontario
- TransAlta Energy Corporation in respect of the development of a first large cogeneration plant (660 MW) built in Ontario in contemplation of a competitive wholesale market. The facility supplies power and steam to large industrial hosts in Sarnia, Ontario

Aboriginal consultation

- Cliffs Natural Resources Inc. in connection with aboriginal consultation and the negotiation and development of benefits agreements with numerous First Nations. Cliffs is developing an open-pit chromite mine in the Ring of Fire region of Ontario and an associated ferrochrome production facility in Sudbury
- A wind farm developer in connection with its aboriginal consultation for eight wind farms (>600 MW) in southern and central Ontario.

Power trading

Richard King

- Numerous US and Canadian power trading companies in connection with trading compliance matters in Ontario, including congestion management settlement credit disputes with the IESO, representation in alleged breaches of IESO Market Rules, and representation in connection with compliance investigation and enforcement by the Ontario Energy Board's Market Surveillance Panel
- Power traders in current Hydro One rate case, in connection with export transmission charges

Utility regulation

- The Electricity Distributors Association in connection with the establishment of a smart metering charge and approval of a contractual arrangement regarding same with IESO
- The Association of Power Producers of Ontario (APPrO) in connection with Ontario Energy Board matters, including natural gas rate applications by Union Gas and Enbridge Gas Distribution, export transmission rate applications by Hydro One Networks Inc., and conservation and demand management program applications by Union Gas and Enbridge Gas Distribution

Publications

- The era of the Canadian Environmental Assessment Act, 2012 has begun, September 2012
- Canadian government proposes significant changes to the environmental assessment and regulatory framework, June 2012
- Bill C-300 heads back to standing committee, March 10, 2010
- Ontario's new green energy Act released, February 23, 2009

Speaking engagements

- Mr. King is a regular speaker at conferences on aboriginal consultation, and electricity and natural gas regulation in Ontario.

Media highlights

- Norton Rose lawyers release IFC Performance Standards on Environmental & Social Sustainability, 31 October 2012
- Native law is a growing field, March 6, 2012
- Facing More Controls, March 9, 2010
- Companies to report toxic substances, November 23, 2009
- Ontario goes green, May 19, 2009
- Ontario rolls out bold new feed-in tariff, April 28, 2009
- Green Act may prompt flood of litigation, March 2, 2009
- Province to fast-track wind turbine projects, February 21, 2009

Rankings and recognitions

- *Best Lawyers in Canada*, 2013 - Environmental Law

Richard King

- *Canadian Legal Lexpert Directory*, 2012: recommended in Energy (Electricity)
- London School of Economics, Law Award of Merit
- Osgoode Hall Law School, Environmental Law Prize
- Osgoode Hall Law School, Rights of Indigenous Peoples Prize

Membership and activities

- Association of Power Producers of Ontario
- Ontario Energy Association
- Environmental Defence Canada
 - Former board member
- Ontario Waterpower Association
 - Former committee member Class EA for Waterpower
- Former adjunct professor, International Environmental Law, Osgoode Hall Law School
- Former adjunct professor, Environmental Law, Western University

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	John Beauchamp
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input checked="" type="checkbox"/>	5	
Consultant:	<input type="checkbox"/>		
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	176.50	\$170.00	\$30,005.00	\$3,900.65	\$33,905.65
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference			\$0.00	\$0.00	\$0.00
Attendance - Oral Hearing			\$0.00	\$0.00	\$0.00
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$30,005.00	\$3,900.65	\$33,905.65

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies	\$347.25	\$45.14	\$392.39
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier	\$37.91	\$4.93	\$42.84
Telephone	\$36.12	\$4.70	\$40.82
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		included	\$0.00
Taxi or Airport Limo		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$421.28	\$54.77	\$476.05

John Beauchamp**Associate****Toronto (Royal Bank Plaza), Canada****Norton Rose Canada LLP**

+1 416.216.1927

john.beauchamp@nortonrose.com

**Ontario 2008**

John Beauchamp's practice covers all aspects of corporate law, with an emphasis on environmental and energy-related matters. He has appeared before the Ontario Energy Board and has worked on a variety of energy regulatory matters, including rate applications, licensing issues, franchise applications and utility share acquisitions. Mr. Beauchamp has also recently advised clients on the Ontario Power Authority's Feed-in Tariff Program, smart metering, connection impact assessments, and carbon emissions.

Mr. Beauchamp has experience in the environmental aspects of corporate transactions and has provided compliance advice on a variety of topics, including product stewardship and recycling laws, the federal *Fisheries Act*, water takings pursuant to the *Ontario Water Resources Act*, PCB storage, brownfields remediation, and the federal government's Chemicals Management Program.

Mr. Beauchamp also served as counsel to the Independent Electricity System Operator (IESO) during a 10-month secondment. The IESO is responsible for overseeing the wholesale electricity markets and the safe and reliable operation of Ontario's bulk electricity system.

Local expertise

Energy; Environmental.

Key industry sectors

Energy

Law school and education

LL.B., University of Ottawa, 2007

B.A., McMaster University, 2003

B.Kin.(Hons.), McMaster University, 2002

Publications

- Global CSR Monitor - Whistleblower Protections and CSR, May 27, 2010

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	Jennifer Teskey
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input checked="" type="checkbox"/>	10	
Consultant:	<input type="checkbox"/>		
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	1.00	\$230.00	\$230.00	\$29.90	\$259.90
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference			\$0.00	\$0.00	\$0.00
Attendance - Oral Hearing			\$0.00	\$0.00	\$0.00
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$230.00	\$29.90	\$259.90

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone		\$0.00	\$0.00
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		included	\$0.00
Taxi or Airport Limo		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

Jennifer Teskey**Partner****Toronto (Toronto-Dominion Centre), Canada****Norton Rose Canada LLP****+1 416.216.2303****jennifer.teskey@nortonrose.com****Ontario 2003**

Jennifer Teskey practises corporate and commercial litigation, with an emphasis on class actions, product liability, securities and regulatory matters. She has appeared before all levels of Ontario courts. Clients represented by Ms. Teskey include pharmaceutical, financial services, manufacturing, transportation, technology and energy companies.

Global expertise

Litigation and dispute resolution.

Local expertise

Litigation.

Key industry sectors

Energy, Financial institutions

Law school and education

LL.B., University of Ottawa, 2002

B.A. (Hons.), Queen's University, 1999

Selected client work

Ms. Teskey has acted as counsel for the following clients:

- The Dow Chemical Company in respect of mass tort class actions
- Toronto Hydro in respect of late payment penalties class actions
- Nortel Networks Corporation in defending and settling securities-related class actions brought against Nortel in respect of the restatement of its financial results
- BMO Nesbitt Burns Inc., a lead underwriter, in a securities class action
- Hills Pet Nutrition Inc. in respect of a product liability class action
- A national transportation company in relation to various personal injury matters
- Energy industry participants in various appellant proceedings
- A large provincial accounting organization in a complex standard review and regulatory compliance case
- A Hong Kong financial services company in a fraud/conversion action against a former employee

Membership and activities

- Canadian Bar Association
- Law Society of Upper Canada
- The Advocates' Society

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	Robert Frank
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input checked="" type="checkbox"/>	19	
Consultant:	<input type="checkbox"/>		
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	117.30	\$290.00	\$34,017.00	\$4,422.21	\$38,439.21
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference			\$0.00	\$0.00	\$0.00
Attendance - Oral Hearing			\$0.00	\$0.00	\$0.00
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$34,017.00	\$4,422.21	\$38,439.21

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone		\$0.00	\$0.00
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking	\$54.00	included	\$54.00
Taxi or Airport Limo		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$54.00	\$0.00	\$54.00

Robert Frank**Partner****Toronto (Toronto-Dominion Centre), Canada****Norton Rose Canada LLP**

+1 416.202.6741

robert.frank@nortonrose.com

Quebec 1996|Ontario 1994

Rob Frank's practice focuses on advocacy work in the energy sector, including commercial litigation, regulatory and insolvency matters arising in the energy context.

His experience in commercial litigation and dispute resolution matters includes breach of contract, negligent misrepresentation, wrongful dismissal, partnership and limited partnership disputes, agent's liability and professional negligence. Mr. Frank acts on commercial insolvency matters on behalf of secured and unsecured creditors, insolvent corporations, corporations in financial distress and trustees. He has appeared at various levels of court in Ontario and Quebec.

Mr. Frank also provides advice on a broad range of regulatory and business matters in the energy sector and appears before the Ontario Energy Board.

He practised in the litigation departments of two prominent Canadian firms in Toronto and Montréal prior to joining our Toronto office in 1999.

Global expertise

Business ethics and anti-corruption; Employment and labour; Energy; Insolvency disputes; Litigation and dispute resolution; Public law.

Local expertise

Administrative and public law; Arbitration and alternative dispute resolution; Business ethics and anti-corruption; Employment and labour; Energy; Litigation; Restructuring and insolvency.

Key industry sectors

Infrastructure, mining and commodities, Financial institutions

Law school and education

LL.M., McGill University, 2000

B.C.L./LL.B., McGill University, 1992

B.Sc.(Hons.), McGill University, 1988

Selected client work

Mr. Frank has acted for the following clients recently in litigation and regulatory files:

Robert Frank

- A UK tobacco company in respect of a pending challenge to the jurisdiction of the Ontario courts with regard to a C\$50 billion claim brought by the province of Ontario against certain tobacco companies
- An international mining company in a dispute relating to the Canadian/United States Mutual Legal Assistance Treaty
- Companies resisting the jurisdiction of the Ontario courts
- A major multinational in respect of civil fraud proceedings in Ontario involving the theft of industrial secrets
- A foreign corporation seeking a Mareva injunction and an Anton Piller order in respect of fraudulent actions in Ontario
- Officers and directors of a corporate defendant in respect of the striking out of a claim as against them personally
- Companies opposing the enforcement of letters of request from foreign states
- A foreign corporation in international commercial arbitration relating to a mining dispute
- Various clients regarding regulatory processes and consultations regarding electricity and natural gas matters
- Various clients for strategic advice regarding the energy sector regulatory structure and opportunities

Publications

- "Ontario Divisional Court Affirms the Right of Access for Ontario Class Action Plaintiffs to Discovery Evidence from U.S. Class Action Litigation," *Vantage Newsletter*.
- "Directors and Officers' Liability in Tort," Macleod Dixon LLP paper, 2001.

Media highlights

- Dispute resolution involving international mining transactions, 01 May 2012

Rankings and recognitions

- McGill University, Wainwright Scholarship, 2000.

Membership and activities

- Canadian Bar Association
- Law Society of Upper Canada
- Ontario Bar Association
 - Program co-ordinator, Insolvency Law Section Executive, 2002-2003

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan

Date	Timekeeper	Description	Hours
18/12/12	John Beauchamp	Corresponding with J. Wolnik, and Association of Power Producers of Ontario representative regarding procedural matters; reviewing intervenor evidence and correspondence with J. Wolnik regarding to same.	1.50
19/12/12	John Beauchamp	Corresponding with P. Eastman by phone to discuss file; corresponding with S. Russell to discuss file; corresponding with J. Wolnik and R. King to discuss file.	0.50
20/12/12	John Beauchamp	Corresponding with J. Wolnik and D. Butters regarding various matters; liaising with Association of Power Producers of Ontario representatives on teleconference to discuss procedural matters; reviewing IRs filed with Ontario Energy Board; corresponding with Board Staff regarding same.	2.00

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan

FEE DETAIL

Date	Timekeeper	Description	Hours
1/11/12	John Beauchamp	Attending teleconference with D. Butters, J. Wolnik and others regarding procedural matters; liaising with J. Wolnik to discuss same; corresponding with Board Staff regarding same.	1.50
15/11/12	John Beauchamp	Corresponding with D. Butters, J. Wolnik and R. King regarding proceeding.	0.50
22/11/12	John Beauchamp	Corresponding with J. Wolnik to discuss strategy for upcoming proceeding.	0.50
23/11/12	John Beauchamp	Reviewing correspondence from J. Wolnik regarding proceeding; liaising with D. Butters, J. Wolnik and R. King by phone to discuss proceeding and strategy.	0.80
23/11/12	Richard J. King	Review strategy document prepared by J. Wolnik; discuss with J. Beauchamp; conference call with client.	1.50

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan

FEE DETAIL

Date	Timekeeper	Description	Hours
9/10/12	John Beauchamp	Preparing for and attending teleconference with Association of Power Producers of Ontario and IGUA members regarding Union Gas' 2013-2014 DSM application; liaising with J. Wolnik to prepare summary of proceeding and potential avenues for Association of Power Producers of Ontario.	2.00
11/10/12	John Beauchamp	Reviewing and revising interrogatories; corresponding with J. Wolnik regarding same; filing interrogatories with Ontario Energy Board; corresponding with J. Wolnik and D. Butters regarding strategy and liaising with R. King regarding same.	2.50
24/10/12	John Beauchamp	Corresponding with J. Wasylyk at Ontario Energy Board regarding proceeding; corresponding with J. Wolnik and D. Butters to discuss same.	0.80
28/10/12	John Beauchamp	Corresponding with J. Wolnik about proceeding-related matters.	0.30
29/10/12	John Beauchamp	Corresponding with J. Wolnik, D. Butters and R. King about procedural matters; corresponding with Board Staff regarding same.	1.50
30/10/12	John Beauchamp	Liaising with J. Wolnik to discuss proceeding; corresponding with D. Butters, J. Wolnik and others to discuss same; corresponding with Board Staff to discuss same.	1.50

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: **EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan**

FEE DETAIL

Date	Timekeeper	Description	Hours
4/12/12	John Beauchamp	Corresponding with J. Wolnik, D. Butters and R. King to discuss procedural matters; liaising with Board Staff to discuss same.	1.00
5/12/12	John Beauchamp	Drafting and revising letter requesting filing extension; liaising with R. King to discuss same; corresponding with D. Butters on same; filing letter with Ontario Energy Board.	2.00
6/12/12	John Beauchamp	Corresponding with D. Butters and J. Wolnik regarding procedural matters; corresponding with Board Staff regarding same; attending DSM call with D. Butters and J. Wolnik.	0.80
7/12/12	John Beauchamp	Corresponding with Board Staff and D. Butters regarding procedural matters	0.80
13/12/12	John Beauchamp	Corresponding extensively with D. Butters, J. Wolnik, Navigant representative and Association of Power Producers of Ontario representatives regarding upcoming evidence filing and other procedural matters; attending teleconference with Association of Power Producers of Ontario members regarding same; reviewing draft report.	5.00
13/12/12	Richard J. King	Review email to instructional committee; liaise with J. Beauchamp.	1.00
14/12/12	John Beauchamp	Corresponding extensively with D. Butters, J. Wolnik, D. Dmytrow, P. Eastman, S. Russell, Navigant representatives and Association of Power Producers of Ontario representatives regarding evidence filing; preparing, reviewing, and revising same; filing evidence with Ontario Energy Board.	5.00
14/12/12	Richard J. King	Review evidence of Navigant and Veresen for filing; changes to J. Beauchamp.	1.00
17/12/12	John Beauchamp	Reviewing Union Gas' application and performing research on various rates-related issues.	3.00

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: **EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan**

FEE DETAIL

Date	Timekeeper	Description	Hours
3/1/13	John Beauchamp	Reviewing interrogatories and correspondence from J. Wolnik.	2.50
4/1/13	John Beauchamp	Attending various teleconferences and corresponding extensively with Association of Power Producers of Ontario members and J. Wolnik to discuss interrogatory responses and other procedural matters; extensive preparation on initial draft of interrogatory responses; corresponding with Navigant and LDE representatives regarding same.	5.00
7/1/13	John Beauchamp	Attending various teleconferences with Association of Power Producers of Ontario members and J. Wolnik to discuss interrogatory responses; reviewing and revising same.	2.00
8/1/13	Jennifer Teskey	Telephone call with J. Beauchamp regarding evidentiary issue.	0.30
8/1/13	John Beauchamp	Corresponding with D. Butters, J. Wolnik and representatives at Veresen regarding interrogatory responses; preparing draft of same; corresponding with J. Teskey and R. King to discuss confidentiality-related issues; corresponding with D. Butters and J. Wolnik regarding same.	2.50
9/1/13	John Beauchamp	Liaising with D. Poch at GEC to discuss motion to compel interrogatory responses; corresponding with Board Staff and Board Counsel regarding same; corresponding with J. Wolnik and D. Butters regarding procedural matters; corresponding with R. Frank regarding same; revising draft interrogatory responses; corresponding with Navigant and Veresen representatives regarding same.	3.00
10/1/13	Jennifer Teskey	Telephone calls and emails with J. Beauchamp regarding evidentiary issues.	0.70
10/1/13	John Beauchamp	Extensive preparations regarding IR responses; corresponding and liaising extensively with Association of Power Producers of Ontario members, Navigant representatives and J. Wolnik regarding same; liaising with R. King, J. Teskey to discuss same; filing interrogatory responses with Ontario Energy Board.	10.50

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan

Date	Timekeeper	Description	Hours
10/1/13	Richard J. King	Review draft interrogatory responses and revise same.	1.50
13/1/13	John Beauchamp	Researching issues pertaining to rate-making principles as per discussions with J. Wolnik; corresponding with J. Wolnik regarding same; corresponding with Navigant representatives and Veresen representatives regarding GEC motion to compel interrogatory answers.	2.00
14/1/13	Richard J. King	Discussion with J. Beauchamp.	0.30
14/1/13	John Beauchamp	Corresponding with Board Staff to discuss procedural issues; Researching issues pertaining to rate-making principles as per discussions with J. Wolnik; corresponding with J. Wolnik regarding same; corresponding with Navigant representatives and Veresen representatives regarding GEC motion to compel interrogatory answers; attending phone call with J. Ciccaglione regarding same; corresponding with D. Poch at GEC to discuss same; review correspondence from Environmental Defence; corresponding with R. Frank and R. King to discuss file; researching various issue to aid J. Wolnik for purposes of settlement conference.	5.00
15/1/13	John Beauchamp	Corresponding with Board Counsel to discuss procedural issues; corresponding extensively with J. Wolnik and D. Butters regarding various matters; liaising extensively with R. Frank to discuss file and prepping materials regarding same; corresponding with Navigant representatives and Veresen representatives to discuss procedural matters.	4.50
15/1/13	Robert I Frank	Discussion with J. Beauchamp regarding background issues to DSM proceeding. Review of e-mail correspondence and materials regarding same.	1.40
16/1/13	Robert I Frank	Review of Union application materials. E-mail to and from J. Beauchamp. Review of memoranda from J. Wolnik and discussion with J. Beauchamp regarding same. Review of evidence.	3.60
16/1/13	John Beauchamp	Liaising with D. Poch at GEC to discuss motion to compel interrogatory responses; corresponding with Board Staff and Board Counsel regarding same; corresponding with J. Wolnik and D. Butters regarding procedural matters; corresponding with R. Frank regarding same; revising draft interrogatory responses; corresponding with Navigant and Veresen representatives regarding same.	5.50

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan

Date	Timekeeper	Description	Hours
17/1/13	Robert I Frank	Review of Union materials. Review of e-mail correspondence and discussion with J. Beauchamp.	1.60
17/1/13	John Beauchamp	Liaising with D. Poch at GEC to discuss motion to compel interrogatory responses; corresponding with Board Staff and Board Counsel regarding same; corresponding with J. Wolnik and D. Butters regarding procedural matters; corresponding with R. Frank regarding same; revising draft interrogatory responses; corresponding with Navigant and Veresen representatives regarding same.	4.00
18/1/13	John Beauchamp	Liaising with D. Poch at GEC to discuss motion to compel interrogatory responses; corresponding with Board Staff and Board Counsel regarding same; corresponding with J. Wolnik and D. Butters regarding procedural matters; corresponding with R. Frank regarding same; revising draft interrogatory responses; corresponding with Navigant and Veresen representatives regarding same.	1.50
21/1/13	Robert I Frank	Review of evidence and materials in preparation for meeting with J. Wolnik. Review of memo from J. Wolnik. Review of e-mail correspondence and draft interrogatories.	5.10
21/1/13	John Beauchamp	Liaising with D. Poch at GEC to discuss motion to compel interrogatory responses; corresponding with Board Staff and Board Counsel regarding same; corresponding with Association of Power Producers of Ontario members regarding same; working on revised interrogatory responses.	4.00
22/1/13	Robert I Frank	Review of evidence and interrogatories. Review of draft interrogatory responses and drafting revisions thereto. Prepared for and attended meeting with J. Wolnik and J. Beauchamp regarding preparation for hearing. Review of e-mail correspondence,	7.70
22/1/13	John Beauchamp	Working with R. Frank and J. Wolnik in preparation for upcoming hearing; corresponding with GEC and Board Staff regarding revised interrogatory responses; corresponding with client and consultants regarding same.	7.00
23/1/13	Robert I Frank	Review of evidence. Consider strategic issues. Prepare for and attend conference call with D. Butters, J. Wolnik and J. Beauchamp.	3.10

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan

Date	Timekeeper	Description	Hours
23/1/13	John Beauchamp	Working with R. Frank and J. Wolnik in preparation for upcoming hearing; corresponding with R. Frank and J. Wolnik, and D. Butters regarding same; reviewing and revising revised interrogatory responses; corresponding with Association of Power Producers of Ontario members and Navigant representatives regarding same; corresponding with GEC counsel and Board Staff regarding same.	5.00
24/1/13	John Beauchamp	Attending Association of Power Producers of Ontario member DSM call; amending and finalizing revised interrogatory responses; filing same with the Board; filing resume for S. Russell with Board; corresponding with intervenors on proceeding-related matters; corresponding with client regarding same.	4.00
25/1/13	Robert I Frank	E-mail correspondence from and to D. Butters, J. Wolnik, J. Beauchamp. Review evidence and prepare for hearing.	1.10
25/1/13	John Beauchamp	Reviewing and researching various issues in for hearing preparation; corresponding with R. Frank and J. Wolnik regarding same.	1.00
26/1/13	Robert I Frank	Review evidence and prepare and witness preparation meeting.	3.70
27/1/13	John Beauchamp	Extensive review and research for hearing preparation; corresponding with R. Frank, D. Butters, J. Wolnik and Navigant representatives regarding same.	6.00
27/1/13	Robert I Frank	Prepare for hearing and witness preparation meeting. E-mail correspondence from and to J. Wolnik, J. Beauchamp and D. Butters. Review of Union and GEC evidence.	5.70
28/1/13	John Beauchamp	Working with R. Frank and J. Wolnik in preparation for upcoming hearing; corresponding with Board Staff regarding revised procedural matters; corresponding with D. Butters regarding same; corresponding extensively with witnesses regarding same.	6.00
28/1/13	Robert I Frank	Review of e-mail correspondence from J. Wolnik, J. Beauchamp and S. Russell. E-mail to and from R. Zarumba. Review of evidence. Prepare for meeting with S. Russell. Review CV of R. Zarumba and discussion with J. Beauchamp regarding same. Discussion with J. Wolnik regarding Union incentive payments.	7.20

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan

Date	Timekeeper	Description	Hours
29/1/13	Robert I Frank	Review evidence. Prepare direct examination of S. Russell. Meeting with S. Russell, J. Wolnik and J. Beauchamp. Conference call with J. Ciccaglione. Review of e-mail correspondence from OEB. Review of e-mail correspondence from R. Zarumba. Drafting letter to OEB. Discussion with J. Beauchamp regarding cross-examination issues. Prepare for direct examination of Navigant.	11.30
29/1/13	John Beauchamp	Extensive research and preparation for oral hearing; corresponding extensively with client, R. Frank, J. Wolnik, and representatives from Navigant and LDE.	9.00
30/1/13	John Beauchamp	Extensive research and preparation for oral hearing; corresponding extensively with client, R. Frank, J. Wolnik, and representatives from Navigant and LDE; corresponding with all interested parties, including with respect to cross examination compendium.	11.00
30/1/13	Robert I Frank	Prepare Navigant witness. Call to Veresen. Meet with D. Butters, J. Wolnik and J. Beauchamp. Call to IGUA counsel. Prepare for direct examinations and cross-examinations. Review evidence and compendia filed by intervenors and Union. Call to S. Russell of LDE regarding evidence preparation.	14.30
31/1/13	Robert I Frank	Prepare for and attended DSM hearing. Meeting with Navigant, S. Russell and J. Wolnik. Conference call with D. Butters. Prepare for direct examination of S. Russell and R. Zarumba.	14.30
31/1/13	John Beauchamp	Preparing for and attending oral hearing at the Ontario Energy Board; liaising with R. Frank, J. Wolnik, Association of Power Producers of Ontario members and witness representatives to prepare for hearing.	9.50
1/2/13	Robert I Frank	Prepared for APPRO submissions. Witness preparation of S. Russell (London District Energy) and R. Zarumba (Navigant). Prepared for and attended DSM hearing. Discussion with J. Wolnik and J. Beauchamp regarding Union argument. Review of e-mail correspondence regarding Union and APPRO undertakings. Review of transcript.	8.20

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan

Date	Timekeeper	Description	Hours
1/2/13	John Beauchamp	Preparing for and attending hearing; working with J. Wolnik and R. Frank on various matters; corresponding with Navigant and Association of Power Producers of Ontario representatives.	7.00
2/2/13	John Beauchamp	Preparing final argument submissions.	3.50
3/2/13	John Beauchamp	Preparing final argument submissions.	10.00
3/2/13	Robert I Frank	Review of e-mail correspondence and draft arguments. Review of transcripts.	2.90
4/2/13	John Beauchamp	Extensive preparation of final argument and accompanying materials; corresponding extensively with R. Frank, J. Wolnik and Association of Power Producers of Ontario representatives regarding same.	14.40
4/2/13	Robert I Frank	Review of draft argument. Review of evidence. Prepare for and attend conference call with D. Butters, J. Wolnik and J. Beauchamp. Review of e-mail correspondence regarding answer to APPrO undertaking. E-mail from and to S. Russell (London District Energy). Discussion with J. Wolnik and J. Beauchamp regarding hearing preparation. Prepare APPrO argument. Review documents filed by Environmental Defence. Prepare APPrO compendium.	13.50
5/2/13	Robert I Frank	Prepared for and attended hearing (oral argument). Review of intervenor written submissions. Review transcript of argument.	7.30
5/2/13	John Beauchamp	Preparation of final argument and accompanying materials; attending oral hearing.	10.00
6/2/13	John Beauchamp	Reviewing intervenor argument; corresponding with Association of Power Producers of Ontario representatives regarding same; corresponding with Board Council regarding transcript issues; filing electronic copy of final argument compendium; preparing for and attending teleconference with Veresen representatives, D. Butters, J. Wolnik and R. Frank to discuss case; corresponding with Board Counsel regarding transcript issue.	3.50

ASSOCIATION OF POWER PRODUCERS
OF ONTARIO (APPRO)

01015413-0031

RE: EB-2012-0337 - Union Gas 2013-2014 Large Volume DSM Plan

Date	Timekeeper	Description	Hours
6/2/13	Robert I Frank	Review transcript of argument and discussion with J. Beauchamp regarding necessary corrections. Review written submissions filed by intervenors. Prepare for and attend conference call with J. Ciccaglione, P. Eastman, S. Russell, D. Butters, J. Wolnik and J. Beauchamp.	2.10
12/2/13	Robert I Frank	Review reply submission from Union. Review e-mail correspondence from D. Butters and J. Wolnik.	0.80
13/2/13	Robert I Frank	Review of Union Reply submissions. Review of summary report from J. Wolnik. E-mails from and to D. Butters and J. Wolnik.	2.20
14/2/13	Robert I Frank	Calls from and to counsel for IGUA. Review of Reply (Appendix).	0.20

DISBURSEMENTS - TAXABLE

Copies	347.25✓
Long distance calls	36.12✓
Courier service	37.91✓
Meals-restaurants (Canada)	14.00
Meals with clients	154.95
Parking	48.21✓
TOTAL	CAD \$638.44

RECEIPT

CAR PARK: Yonge & Eglinton Ctr
 DEVICE: Paystation 3
 PAID: 01/02/13 04:17P

SHORT TERM 201177
 ENTRY: 01/02/13 07:58A
 EXIT: 01/02/13 04:18P
 PARKING DURATION: 000 08:18
 CHARGED DURATION: 000 02:20

PAID: CAD18.00
 TAX FREE CAD15.93
 V.A.T. 13%: CAD2.07

CREDIT CARD CAD18.00

CREDIT CARD
 DATE: 01/02/13 04:16P
 *****01180186*****
 11/13

PRICE: CAD18.00
 TRANSACTION No: XC1878539
 MERCHANT No: 30205023726
 AUTH CODE: 068194

838387

RECEIPT

CAR PARK: Yonge & Eglinton Ctr
 DEVICE: Paystation 3
 PAID: 31/01/13 04:16P

SHORT TERM 200894
 ENTRY: 31/01/13 07:56A
 EXIT: 31/01/13 04:16P
 PARKING DURATION: 000 08:20
 CHARGED DURATION: 000 02:20

PAID: CAD18.00
 TAX FREE CAD15.93
 V.A.T. 13%: CAD2.07

CREDIT CARD CAD18.00

CREDIT CARD
 DATE: 31/01/13 04:16P
 *****01180186*****
 11/13

PRICE: CAD18.00
 TRANSACTION No: XC1874453
 MERCHANT No: 30205023726
 AUTH CODE: 064383

838387

RECEIPT

CAR PARK: Yonge & Eglinton Ctr
 DEVICE: Paystation 3
 PAID: 05/02/13 02:12P

SHORT TERM 202347
 ENTRY: 05/02/13 07:58A
 EXIT: 05/02/13 02:13P
 PARKING DURATION: 000 05:14
 CHARGED DURATION: 000 02:20

PAID: CAD18.00
 TAX FREE CAD15.93
 V.A.T. 13%: CAD2.07

CREDIT CARD CAD18.00

CREDIT CARD
 DATE: 05/02/13 02:12P
 *****01180186*****
 11/13

PRICE: CAD18.00
 TRANSACTION No: XC1890203
 MERCHANT No: 30205023726
 AUTH CODE: 061643

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	John Wolnik
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input type="checkbox"/>		
Consultant:	<input checked="" type="checkbox"/>	20+	
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	92.00	\$315.00	\$28,980.00	\$3,767.40	\$32,747.40
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference			\$0.00	\$0.00	\$0.00
Attendance - Oral Hearing			\$0.00	\$0.00	\$0.00
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$28,980.00	\$3,767.40	\$32,747.40

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone		\$0.00	\$0.00
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		included	\$0.00
Taxi or Airport Limo		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

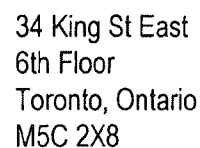
File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	John Wolnik
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input type="checkbox"/>		
Consultant:	<input checked="" type="checkbox"/>	20+	
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	73.50	\$330.00	\$24,255.00	\$3,153.15	\$27,408.15
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference	1.00	\$330.00	\$330.00	\$42.90	\$372.90
Attendance - Oral Hearing	5.50	\$330.00	\$1,815.00	\$235.95	\$2,050.95
Argument	27.00	\$330.00	\$8,910.00	\$1,158.30	\$10,068.30
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$35,310.00	\$4,590.30	\$39,900.30

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone		\$0.00	\$0.00
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail	\$597.80	\$77.71	\$675.51
Travel (Other):	mileage 56km @\$0.40/km	\$22.40	\$25.31
Parking		included	\$0.00
Taxi or Airport Limo	\$47.78	\$6.21	\$53.99
Accommodation	\$348.14	\$45.26	\$393.40
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$1,016.12	\$132.10	\$1,148.22



Date	Invoice #
30/06/2012	2012341

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

[illegible]

Lelenchus

34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
31/07/2012	2012313

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
Union DSM 2012					
Date	Item	Description	Hours	Rate	Amount
05/07/2012	Preparation	Follow up on DSM issues	2	315.00	630.00
30/07/2012	Meeting	Meeting with Union re: DSM and follow up with client	4	315.00	1,260.00
31/07/2012	Preparation	Follow up note to Union re DSM	2	315.00	630.00
		Subtotal			2,520.00
		NOTE: there is no EB# assigned to this case			
		HST on Sales		13.00%	327.60
				Subtotal	\$2,520.00
Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@elenchus.ca				HST#861367431	\$327.60
				Total	\$2,847.60



Date	Invoice #
31/05/2012	2012230

P.O. No.	Terms
	Net 30

Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@elenchus.ca	HST#861367431	\$20.48
	Total	\$177.98



34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
31/08/2012	2012377

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
UGL DSM 2013 no EB#					
Date	Item	Description	Hours	Rate	Amount
15/08/2012	Meeting	DSM meeting	2.25	315.00	708.75
31/08/2012	Meeting	Follow up with D MacEacheron	1	315.00	315.00
		Subtotal			1,023.75
		HST on Sales		13.00%	133.09
				Subtotal	\$1,023.75
Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@elenchus.ca				HST#861367431	\$133.09
				Total	\$1,156.84



34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
30/09/2012	2012418

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
EB-2012-0337 UGL DSM 2013					
Date	Item	Description	Hours	Rate	Amount
11/09/2012	Preparation	Review application	1	315.00	315.00
19/09/2012	Preparation	Review application	3	315.00	945.00
20/09/2012	Preparation	Review application	6.5	315.00	2,047.50
28/09/2012	Preparation	Prepare IRs	6.5	315.00	2,047.50
29/09/2012	Preparation	Prepare IRs	3	315.00	945.00
30/09/2012	Preparation	Prepare IRs	0.25	315.00	78.75
		Subtotal			6,378.75
		HST on Sales		13.00%	829.24
				Subtotal	\$6,378.75
Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@elenchus.ca				HST#861367431	\$829.24
				Total	\$7,207.99



34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
31/10/2012	2012463

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
Union DSM 2012 EB-2012-0337					
Date	Item	Description	Hours	Rate	Amount
04/10/2012	Preparation	IRs	0.5	315.00	157.50
09/10/2012	Preparation	Draft IRs	5.5	315.00	1,732.50
10/10/2012	Meeting	IRs and meeting with client	2	315.00	630.00
11/10/2012	Preparation	Finalize IRs	3	315.00	945.00
12/10/2012	Preparation	Review and summarize OEB DSM report for client	0.5	315.00	157.50
23/10/2012	Preparation	Getting instructions	0.25	315.00	78.75
24/10/2012	Preparation	Getting instructions	0.5	315.00	157.50
26/10/2012	Preparation	DSM IR review	1	315.00	315.00
27/10/2012	Preparation	DSM IR review	1	315.00	315.00
28/10/2012	Preparation	DSM IR review	1.5	315.00	472.50
30/10/2012	Preparation	DSM IR Review	3.5	315.00	1,102.50
31/10/2012	Preparation	DSM IR Review and strategy	5	315.00	1,575.00
		Subtotal			7,638.75
		HST on Sales		13.00%	993.04
			Subtotal		\$7,638.75
Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@elenchus.ca			HST#861367431		\$993.04
			Total		\$8,631.79



34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
30/11/2012	2012505

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
Union DSM 2012 EB-2012-0337					
Date	Item	Description	Hours	Rate	Amount
01/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	2	315.00	630.00
02/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	3.75	315.00	1,181.25
05/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	0.5	315.00	157.50
06/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	0.5	315.00	157.50
14/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	0.5	315.00	157.50
15/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	1	315.00	315.00
16/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	0.75	315.00	236.25
17/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	0.25	315.00	78.75
18/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	0.5	315.00	157.50
19/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	1.5	315.00	472.50
23/11/2012	Preparation	Review & analyze Union proposal and develop alternatives	4	315.00	1,260.00
28/11/2012	Preparation	Alternative analysis	1.5	315.00	472.50
29/11/2012	Meeting	Discuss with clients	1	315.00	315.00
		HST on Sales		13.00%	726.86
				Subtotal	\$5,591.25
Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@elenchus.ca				HST#861367431	\$726.86
				Total	\$6,318.11



34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
31/12/2012	2012543

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
Union DSM 2013 EB-2012-0337					
Date	Item	Description	Hours	Rate	Amount
13/12/2012	Meeting	Review draft evidence, conference call and follow up	2	315.00	630.00
14/12/2012	Preparation	DSM evidence review and follow up	2.5	315.00	787.50
17/12/2012	Preparation	Evidence review	1.5	315.00	472.50
18/12/2012	Preparation	Evidence review	2.5	315.00	787.50
19/12/2012	Preparation	Evidence review	1.5	315.00	472.50
20/12/2012	Preparation	DSM IR review and strategy development	5	315.00	1,575.00
21/12/2012	Preparation	Comments on IRs	1	315.00	315.00
		HST on Sales		13.00%	655.20
				Subtotal	\$5,040.00
				HST#861367431	\$655.20
				Total	\$5,695.20

Billing Inquiries
Anna Luciani-Marzo
416-348-9917 x36
aluciani-marzo@elenchus.ca



34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
31/01/2013	2013035

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
EB-2012-0337 Union DSM 2012					
Date	Item	Description	Hours	Rate	Amount
04/01/2013	Preparation	Preparation	1.5	330.00	495.00
07/01/2013	Preparation	Preparation	1	330.00	330.00
09/01/2013	Preparation	Preparation	3	330.00	990.00
10/01/2013	Preparation	Preparation	5	330.00	1,650.00
11/01/2013	Preparation	Preparation	4	330.00	1,320.00
14/01/2013	Preparation	Preparation	7	330.00	2,310.00
15/01/2013	Preparation	Preparation	1	330.00	330.00
15/01/2013	Settlement Conference	Settlement Conference	1	330.00	330.00
17/01/2013	Preparation	Preparation	1	330.00	330.00
18/01/2013	Preparation	Preparation	1	330.00	330.00
20/01/2013	Preparation	Preparation	3	330.00	990.00
22/01/2013	Preparation	Preparation	6.5	330.00	2,145.00
23/01/2013	Preparation	Preparation	1	330.00	330.00
24/01/2013	Preparation	Preparation	4.5	330.00	1,485.00
25/01/2013	Preparation	Preparation	4	330.00	1,320.00
27/01/2013	Preparation	Preparation	2	330.00	660.00
28/01/2013	Preparation	Preparation	8	330.00	2,640.00
29/01/2013	Preparation	Preparation	7.5	330.00	2,475.00
30/01/2013	Preparation	Preparation	8	330.00	2,640.00
31/01/2013	Preparation	Preparation	1	330.00	330.00
31/01/2013	Hearing	Attend Oral Hearing	5.5	330.00	1,815.00
		Subtotal			25,245.00
31/01/2013	Client Costs	Train ticket for Jan 15, 2013	1	221.71	221.71
				Subtotal	
Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@clenchus.ca				HST#861367431	
				Total	



34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
31/01/2013	2013035

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
EB-2012-0337 Union DSM 2012					
Date	Item	Description	Hours	Rate	Amount
31/01/2013		Train ticket for Jan 22, 2013	1	221.71	221.71
31/01/2013		Taxi fare for Jan 22, 2013	1	18.00	18.00
31/01/2013		Mileage 14 km @ \$0.40 for Jan 22, 2013	1	5.60	5.60
31/01/2013		Train ticket for Jan 29, 2013	1	221.71	221.71
31/01/2013		Taxi fare for Jan 29, 2013	1	18.00	18.00
31/01/2013		Mileage 14 km @ \$0.40 for Jan 29, 2013	1	5.60	5.60
31/01/2013		Train ticket for Jan 30, 2013	1	226.79	226.79
31/01/2013		Hotel accommodation for Jan 30-31, 2013	1	393.40	393.40
31/01/2013		Taxi fare for Jan 30, 2013	1	18.00	18.00
31/01/2013		Mileage 14km @ \$0.40 for Jan 30, 2013	1	5.60	5.60
					1,356.12
		HST on Sales		13.00%	3,281.85
				Subtotal	\$26,601.12
Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@elenchus.ca				HST#861367431	\$3,281.85
				Total	\$29,882.97



RECEIPT/RECU

OLNIK/JOHN

ADT> VP# 8141825

REQU'D FOR REFUND/EXCHANGE Place

REQUIS POUR REMB./ECHANGE

R 700510

Station/Gare

UNION STATION, 65 FRONT ST W, TORONTO, ON

10

15Jan13 1123

Exxxx 1512 221.71CAD

Base Fare 196.20 Taxable 196.20

Fare S/T/P&S - V&H 25.51 GST No/No T&S 105521785RT001

VP 0.00

Total 221.71

File Display

FTR/ETF

YJT023 5012013 33772

2>2



Regular Fare Equivalent \$109.80 + \$14.27 = \$124.07

LONDON - TORONTO, Tuesday Jan 15, 2013

[Modify this trip](#)

Departs: 06:25 AM

Arrives: 08:35 AM

Train: 82

Class: Economy - regular fare

TORONTO - LONDON, Wednesday Jan 16, 2013

[Modify this trip](#)

Departs: 16:35 PM

Arrives: 18:47 PM

Train: 83

Class: Economy - regular fare

FARE DETAILS

[Shop for Fares](#)

Passenger 1 (Adult)

\$124.07

Fare: \$109.80 G.S.T./H.S.T.: \$14.27 P.S.T.: \$0.00

TOTAL CAD\$: \$124.07

[Refund/Exchange Conditions](#)

APPRO - Union Gas DSM Settlement Conference EB-2012-0337

BOOKING CONFIRMATION YMH131

JOHN WOLNIK VIA PREFERENCE RATTYS

IMPORTANT: AN E-BOARDING PASS HAS BEEN ISSUED FOR EACH SEGMENT OF YOUR TRIP. WE HAVE ALSO SENT YOU A SEPARATE E-MAIL. Please keep your e-boarding passes on your trip and review this confirmation carefully as it includes some important information about how to best utilize us.

ITINERARY #1**TRAIN 70** | info

From: LONDON Tue, Jan 22, 2013 Departure: 07:36 AM
 To: TORONTO Tue, Jan 22, 2013 Arrival: 10:04 AM
 Class: Business - regular fare Car: 1 Seat - 13C Aisle
 Remarks: Operated by VIA Rail Canada

ITINERARY #2**TRAIN 83** | info

From: TORONTO Tue, Jan 22, 2013 Departure: 10:35 PM
 To: LONDON Tue, Jan 22, 2013 Arrival: 10:47 PM
 Class: Business - regular fare Car: 1 Seat - 10 Aisle
 Remarks: Operated by VIA Rail Canada

RECEIPT**FARE INFORMATION**

John Wolnik (Adult) \$247.00
 FARE: 198.00 G.S. PRS: 12.42 (M) P.S.T.: 16.00 TO: AL: 32.58 (M)

TAX INFORMATION

Taxable fare: 198.00
 HST (13%) Taxed: 25.74 (M) (R) (M)

PAYMENT 4500*****1512 AUTHORIZATION # 042850
 TRANSACTION DATE: 01/20/2013

Regular Fare Equivalent

Fare \$122.00
 HST \$15.86
 TOTAL \$137.86

ABOUTOWN TAXICABS
 1 BATHURST ST
 LONDON
 519-432-2222

TERMINAL 10.1 PSS37045

CSH SALE

Jan 22, 13 INV: 001395
 18:48

NOTE: SEAT

AMOUNT PAID \$18.00
 CHANGE DUE \$0.00

THANK YOU FOR CHOOSING
 ABOUTOWN. FOR
 ADDITIONAL SERVICES
 WWW.ABOUTOWN.COM

CUSTOMER COPY
 E-B 2012-0337
 APPROV

RECEIPT RECU		ITINERARY ITINÉRAIRE	
WOLNIK/JOHN		WOLNIK/JOHN	
VP# 8141825		VIA Preference 8141825	
REQD FOR REFUND/EXCHANGE		Not valid for travel	
CR 700510		Non valide pour voyager	
Station/ Gare		LONDON	
205 YORK ST., LONDON, ON		ON 29Jan 0736	
FMC		TORONTO	
VIA 070 Business / Affaires		ON 1004	
20Jan13 0706		TORONTO	
		ON 29Jan 1730	
		LONDON	
		ON 1955	
		VIA 075 Business / Affaires	
		1 10C	
		1 5B	
Total 196.20		Total 196.20	
25.51		25.51	
0.00		0.00	
Total 221.71		Total 221.71	
YNG214 29012013 31086		YNG214 29012013 31086	
2>2		2>2	
ABOUTOWN TAXICABS		ABOUTOWN TAXICABS	
1 BATHURST ST		1 BATHURST ST	
LONDON ON		LONDON ON	
519-432-2222		519-432-2222	
TERMINAL CO.1		PS337004	
CSH SALE		CSH SALE	
IHU: 002226		IHU: 002226	
Jan 29, 13		20:05	
TOTAL \$18.00		TOTAL \$18.00	
AMOUNT PAID \$18.00		AMOUNT PAID \$18.00	
CHANGE DUE \$0.00		CHANGE DUE \$0.00	
THANK YOU FOR CHOOSING		THANK YOU FOR CHOOSING	
ABOUTOWN. FOR		ABOUTOWN. FOR	
ADDITIONAL SERVICES		ADDITIONAL SERVICES	
WWW.ABOUTOWN.COM		WWW.ABOUTOWN.COM	
CUSTOMER COPY		CUSTOMER COPY	

APPRO - Union EB 2012-0337 2013-2014 OSM

RECEIPT (RECU)
WOLNIK/JOHN
VIA 8141825

02 200510

VIA 0000 ST. LONDON ON
01
200510 200510

200.70 200.70
20.00
0.00
Total 220.70

YNG250 29012013 31092 2>2

ITINERARY (ITINERAI)
WOLNIK/JOHN
VIA 8141825

LONDON	ON	30Jan	0736
TORONTO	ON		1004
VIA 070 Business			1 13B
TORONTO	ON	01Feb	1730
LONDON	ON		1954
VIA 081 Business			1 6B

BAG C2 BH
YNG250 29012013 31092 2>2

Regular Fare
Equivalent

\$122.00

HST 15.86

\$137.86

ABOUTOWN TAXICABS
1 BATHURST ST
LONDON ON
519-432-2222

TERMINAL NO. 50327010

CSH SALE

INV: 002150
Jan 30, 13 07:04

~~DATE~~ ~~TIME~~

AMOUNT PAID \$18.00

CHANGE DUE \$0.00

THANK YOU FOR PURCHASING
ABOUTOWN. FOR
ABOUTOWN SEBOLLES
WWW.ABOUTOWN.COM

50327010

Mr John Wolnik
83 Gifford Crescent
London ON N6J 3Y3
Canada



Room Number : 1504
Arrival Date : 30-01-13
Departure Date : 01-02-13
Page : 1 of 1
Confirmation : 877329
CRS No. :
Folio No. : 94762

Company Name : CPSA//Canadian Professional

01-02-13

Date	Description		Charges	Credits
30-01-13	Local Corporate NLRA		169.00	
30-01-13	HAF Rooms		5.07	
30-01-13	HST Rooms		21.97	
30-01-13	HST Rooms		0.66	
31-01-13	Local Corporate NLRA		169.00	
31-01-13	HAF Rooms		5.07	
31-01-13	HST Rooms		21.97	
31-01-13	HST Rooms		0.66	
01-02-13	Visa	XXXXXXXXXXXX1512 XX/XX		393.40
Total			393.40	393.40
Balance			0.00	CAD

HST Registration # 871574554-RT0002

HST Room	HST F&B	HAF	Total
\$45.26	\$0.00	\$0.00	\$ 55.40

Lelenchus

34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
28/02/2013	2013067

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
EB-2012-0337 Union DSM					
Date	Item	Description	Hours	Rate	Amount
02/02/2013	Argument		8	330.00	2,640.00
03/02/2013	Argument		6	330.00	1,980.00
05/02/2013	Argument		9.5	330.00	3,135.00
06/02/2013	Argument		3.5	330.00	1,155.00
		Subtotal			8,910.00
	Client Costs				
05/03/2013		Train fare London-Toronto Feb 5, 2013	1	221.71	221.71
05/03/2013		Cab fare Feb 5, 2013	1	18.00	18.00
05/03/2013		Mileage on Feb 5, 2013 14km @ \$0.40	1	5.60	5.60
					245.31
		HST on Sales		13.00%	1,158.30
			Subtotal		\$9,155.31
Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@elenchus.ca			HST#861367431		\$1,158.30
			Total		\$10,313.61

ITINERARY / RECEIPT - NOT VALID FOR TRAVEL

Thank you for choosing
VIA Rail Canada



BOOKING CONFIRMATION: YPY596

JOHN WOLNIK, VIA PRÉFÉRENCE. 81***25

IMPORTANT - AN E-BOARDING PASS HAS BEEN ISSUED FOR EACH SEGMENT OF THIS TRIP AND HAS BEEN SENT IN A SEPARATE E-MAIL. Please bring all e-boarding passes on your trip and review this confirmation carefully as it includes some important information about travelling with us

ITINERARY #1

TRAIN 82 | info

From LONDON Tue. Feb 5, 2013 Departure: 06:25 AM
To TORONTO Tue. Feb 5, 2013 Arrival: 08:35 AM
Class: Business - regular fare Car: 1 Seat 10B Aisle
Remarks: Operated by: VIA Rail Canada

ITINERARY #2

TRAIN 83 | info

From TORONTO Tue. Feb 5, 2013 Departure: 16:35 PM
To LONDON Tue. Feb 5, 2013 Arrival: 18:47 PM
Class: Business - regular fare Car: 1 Seat 9B Aisle
Remarks: Operated by: VIA Rail Canada

RECEIPT

FARE INFORMATION

John Wolnik (Adult) \$221.71

FARE: \$196.20 G.S.T/H.S.T.: \$25.51 P.S.T.: \$0.00 TOTAL: \$221.71

TAX INFORMATION

Taxable fare \$196.20
G S T/H S T. number 105521785RT001

PAYMENT 4500*****1512 - AUTHORIZATION # 043594

TRANSACTION DATE: 02/04/2013

Regular Fare Equivalent	\$122.00
HST	\$15.86
TOTAL	\$137.86

ABOUTOWN TAXICABS
1 BATHURST ST
LONDON ON
519-432-2222

TERMINAL ID.:

PS337108

CSH SALE

Feb 05, 13 INV: 001500
18:57

TOTAL \$18.00

AMOUNT PAID \$18.00

CHANGE DUE \$0.00

THANK YOU FOR CHOOSING
ABOUTOWN. FOR
ADDITIONAL SERVICES
WWW.ABOUTOWN.COM

CUSTOMER COPY



34 King St East
6th Floor
Toronto, Ontario
M5C 2X8

Invoice

Date	Invoice #
21/03/2013	2013085

Invoice To
APPrO 25 Adelaide St. East Suite 1602 Toronto, ON M5C 3A1 Attn: Karla Martinez

P.O. No.	Terms
	Net 30

Project					
EB-2012-0337 Union DSM					
Date	Item	Description	Hours	Rate	Amount
18/03/2013	Preparation	Review decision for next steps	2	330.00	660.00
19/03/2013	Preparation	Review decision for next steps	1	330.00	330.00
21/03/2013	Preparation	Review decision for next steps	0.5	330.00	165.00
		HST on Sales		13.00%	150.15
				Subtotal	\$1,155.00
Billing Inquiries Anna Luciani-Marzo 416-348-9917 x36 aluciani-marzo@elenchus.ca				HST#861367431	\$150.15
				Total	\$1,305.15

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	Glen Wood
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input type="checkbox"/>		
Consultant:	<input checked="" type="checkbox"/>	20+	
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	81.50	\$330.00	\$26,895.00	\$3,496.35	\$30,391.35
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference			\$0.00	\$0.00	\$0.00
Attendance - Oral Hearing			\$0.00	\$0.00	\$0.00
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$26,895.00	\$3,496.35	\$30,391.35

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone		\$0.00	\$0.00
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		included	\$0.00
Taxi or Airport Limo		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

Glen Wood

Glen J. Wood, M.B.A.

Associate Director

Navigant Consulting

1 Adelaide Street East, Suites 3000

Toronto, Ontario, M5C 2V9

Tel: (647) 288-5210

Fax: (647) 777-2441

Cell: (905) 869-3128

Glen.Wood@navigantconsulting.com

Professional History

- **SENIOR MANAGER**
ICF International
2005 – 2009
- **PARTNER**, RW Energy Services
2004-2005
- **DIRECTOR OF CUSTOMER SERVICE**
Cambridge & North Dumfries Hydro
1990-2004
- **MANAGER OF MARKETING AND CUSTOMER SERVICE**
Oakville Hydro-Electric Commission
1989-1990
- **ENERGY SERVICES SUPERVISOR**
Brampton Hydro-Electric Commission
1980-1988

Education

- Masters of Business Administration
Wilfrid Laurier University – 1991
- Bachelor of Environmental Studies
University of Waterloo - 1979

Glen has over 25 years of experience in utility management, DSM program development and delivery, regulatory and rates issues in the Ontario electricity environment. His experience includes two Customer Information System implementations, preparations for Y2K, market opening and subsequent regulatory changes. He has led the introduction of numerous process improvements, including the implementation of interval metering, meter reading system upgrades, payment processing, work order, collection and deposit systems which required coordination across the organization.

In recent years, Mr. Wood has assisted utilities in strategic planning, provided analysis of trends in electricity use, assessments of Demand Side Management/Conservation and Demand Management potential and DSM program and portfolio development advice, as well as analysis of cross-sectoral energy demand, energy efficiency and renewable energy policies, regulatory changes and unit-level power sector modeling for a number of US and Canadian clients. Glen has provided modeling and analytic support for Climate Action Plans in leading jurisdictions across North America. These efforts each included the review and calibration of large volumes of historical data from multiple sources.

Professional Experience

UTILITY EXPERIENCE:

Customer & Energy Solutions:

- 15 years Senior management experience with municipal utilities, responsible for customer care, corporate communications, retail settlement, field services, payment processing, and collections functions for hydro, water, and sewer accounts. Administered annual electrical billings of \$112 million and departmental budget of \$2.1 million.
- Strategically focussed and delivered end-use targeted energy and demand management programs to residential, commercial and industrial customers.
- Marketed information based residential energy management programs that provided practical “how to” guidance that enabled customers to implement conservation measures and built significant goodwill.
- Created one-to-one marketing program for industrial customers to deliver site- specific analysis of the processes driving energy purchases and identifying cost-effective

solutions to reduce costs. Seminars and other information services supported customer implementation and built very positive customer relations.

- Built key account program to strengthen relationships with top 25 customers accounting for 26% of revenues. Goodwill developed aided in dealing with future issues and created loyalty when market opened.
- Seized opportunity and negotiated joint program between Ontario Hydro and Region of Waterloo, convincing them to fund material costs of a Citywide water and energy conservation initiative that reduced customer costs and improved the company's public profile following water rate increases.
- Successfully managed corporate communications to build positive public image while facing rising rates and a changing industry environment. Recognized by industry association as leader in innovation. Repeated customer surveys reported customer satisfaction ratings that equaled or exceeded those of any comparable service in the community.
- Designed and obtained regulatory approval for electric rates, maintaining fairness across customer classes while meeting revenue requirements.

Strategic Initiatives

- Maintained a strategic focus on containing costs while improving customer service levels. Serviced 25% increase in customers while reducing full time staff equivalents by one position and maintaining customer satisfaction rates at or above those of competitors in market.
- Negotiated participation in Real Time Pricing pilot prior to market opening, saving hundreds of thousands of dollars in avoided costs for the utility.
- Optimized use of IT resources by focusing on system improvements that addressed high volume repetitive functions to yield the maximum benefits.
- Championed the adoption of a community based program that addressed a basic need of low income families, tackling numerous barriers in order to establish an arms length charitable organization, repositioning a very negative public relations issue into a positive story.
- Convinced corporate and community partners to help fund and provide ongoing administration of a new Charity, securing the necessary resources and leadership needed to address a serious community need.

Leadership and Staff Development

- Established service quality standards and systems to manage and measure performance. Communicated expectations to staff and provided performance feedback and support. Routinely maintained performance above standards and met or exceeded customer expectations.
- Communicated changes in policy and procedures related to credit and collections, establishing clear expectations for both staff and delinquent customers, improving

effectiveness of collection notices while maintaining bad debt levels below 0.15% of service revenue.

- Collaborated with other Senior Managers to successfully resolve issues to settle Collective Agreements using “Mutual Gains Bargaining” approach.

Process Improvements

- Introduced new workflows and approach (making originator of work responsible for quality) and automating processes to improve efficiency, decrease interdepartmental conflict, and reduce costly rework while increasing service levels to customers.
- Established a co-operative approach to problem resolution; restructuring processes to provide immediate and objective feedback to improve ability to self manage.
- Reduced costs of recurrent transactions through development of new services and system operations resulting in 70% of payments being processed electronically while maintaining a level of customer choice exceeding industry standards to service diverse market segments.
- Reduced time to bill by 5 days for 80% of accounts, improving corporate cash flow and reducing resources required for billing process.
- Reduced time and improved accuracy of a complex, quarterly regulatory filing by developing a database-reporting tool that leveraged an existing database. Benefits were shared among a 25-company user group.

Change Management

- Managed staff through ongoing organizational and system changes, emphasizing the benefits of focusing on improving productivity and embracing change; thereby gaining employee acceptance while achieving organizational objectives. Successfully managed two major system conversions, implementation of an open market and the re-imposition of a capped pricing structure.
- Worked collaboratively with staff to identify and overcome key areas of concern and potential problems surrounding system conversion and regulatory changes, providing necessary training and ongoing information needed to generate enthusiasm and reduce anxiety when the system went “live”.
- Celebrated successes during and following change processes, recognizing employee achievements while actively encouraging the sharing of ideas and information that strengthened the sense of ownership and built team morale.

CONSULTING EXPERIENCE:

Electricity Distributors Association – Streamlining the Regulation of Electricity Distribution in Ontario.

In 2010, Navigant carried out a review of the regulatory framework faced by Ontario's electricity distributors. Working with the EDA's Advisory Council, Navigant identified opportunities to reduce not only the regulatory burden on LDC's but also the time and resources required from regulators and other stakeholders. The resulting white paper proposed a series of options to reduce the overall cost of the regulatory systems; costs which are ultimately borne by power consumers of Ontario.

Ontario Energy Management Market Assessment Ontario-based Turnkey Energy Services Provider.

Navigant conducted a regional market analysis and business model review. This project required calculating the regional market potential, market share and future potential for energy auditing, turnkey project management and energy information services (benchmarking, energy tracking & GHG reporting) as well as calculating EBITDA by year for several growth scenarios. Growth forecasts were based on mandated 2011 – 2014 conservation targets as compared to 2006 – 2009 achievements as well as a review of market drivers. The analysis resulted in several recommendations on changes to the current business model in order to capture additional margin and increase market share.

Methodology for Incorporating DSM into Load Forecast Hydro One Networks Inc.

Conservation and Demand Management (CDM) is becoming increasingly important as an element in Ontario's overall energy supply. The impact of CDM activities is projected to increase as the Province moves towards its goal of reducing demand by 6,300 MW by 2020. As demand for electricity in Ontario has declined over the past decade, consideration of the impact of CDM programs has become a significant factor in forecasting future electricity requirements. Navigant Consulting was retained to assist HONI in developing a methodology to incorporate CDM into its load forecast. The project reviewed various categories of CDM that might be considered as part of a load forecast, how each type of CDM might be measured and how it could be incorporated in the forecast to develop a defensible projection of "net" electricity demand and energy requirements.

Review of Community Energy Storage Toronto Hydro Electric System Limited (THESL)

Navigant Consulting Inc. (Navigant) and Kinectrics were retained to assess and compare the capabilities of available technologies to meet THESL's objectives for an Energy Storage (ES) System. Navigant reviewed available storage technologies in order to determine the most appropriate ES technologies to THESL's identified needs. Navigant worked with THESL to quantify the operating characteristics implied by their six objectives and developed a set of "optimal" storage system characteristics associated with each objective. Primary and secondary information on the storage technologies was collected for the storage technologies of interest to THESL. Navigant also conducted a survey of the ES industry to identify the characteristics of current and planned market offerings. The final report provided an overview of energy storage technologies, industry trends and market innovations, an assessment of storage technologies relative to THESL's objectives, a detailed description of an integrated energy storage unit and a review of planning and operations considerations for a Community Energy Storage system.

Energy & Climate Policy

Modeling Green Energy Act Implications for Ontario Electricity Costs Pembina Institute

Supported "Whatif? Technologies" and Pembina in simulating the impact of the 2009 *Green Energy and Economy Act* and the possible repeal of that Act on the Ontario electricity system using the CanESS model. While the assumptions included in the resulting report (*Behind the Switch: Pricing Ontario Electricity Options*) were Pembina's, Navigant provided data inputs to the modeling process and assisted WiT in developing an 8,760 hour generation dispatch model in CanESS and its application to Ontario's system.

Review of Methods to Measure Outcomes of Energy Efficiency and Climate Change Initiatives - Newfoundland and Labrador Office of Climate Change, Energy Efficiency and Emissions Trading

The Government of Newfoundland and Labrador has committed to goals to reduce provincial energy use and greenhouse gas emissions. The CCEEET retained Navigant to review available methodologies, tools and models that could be used to assess the impacts of potential policy initiatives at the household, facility or jurisdictional level. Navigant conducted a survey of tools and models used in other Canadian and US jurisdictions, identified methods, tools and models appropriate to NL's pattern of energy use and

emissions, and recommended a portfolio of approaches most applicable to CCEET's needs. As part of the project, Navigant reviewed currently available multi-fuel, multi-sector energy and emissions models used in Canada, identified key assumptions and potential data sources and recommended priorities for data development given NL's unique circumstances.

Climate Change Modeling and Policy Advise

Ontario Ministry of the Environment

The Ontario government has taken a actions to improve the environment, encourage a "culture of conservation" and deployment of renewable energy in the province. Mr. Wood assisted the Ministry in quantifying the impacts of these change on greenhouse gas and criteria air emissions; providing modeling, analysis and advice Ontario's "Go Green" strategy and Climate Change Action Plan. The project was carried out in partnership with Systematic Solutions Inc, using their ENERGY 2020 model, and Informetrica who provided economic modeling, with Mr. Wood acting as the key interface between the companies. The two models were used to provide an integrated analysis of the economic and environmental impacts of proposed policies, and the province's participation in the Western Climate Initiative.

Climate Change Policy Analysis and Integrated Energy, Emissions and Economic Modeling:

- ✓ Pembina Institute, Modeling Green Energy Act Implications for Ontario Electricity Cost
- ✓ Western Climate Initiative, Modeling Regional Cap-and-Trade System.
- ✓ California Air Resources Board, Modeling of GHG Reduction Measures in Support of AB32 Global Warming Solutions Act
- ✓ State of Illinois - Climate Change Advisory Group (ICCAG)
- ✓ State of Wisconsin - Governor's Global Warming Task Force
- ✓ Ontario Ministry of Environment - Go Green Strategy, Climate Change Action Plan and implications of WCI partnership.
- ✓ State of Hawaii – Proposed GHG Reduction Work Plan for Hawaii
- ✓ Environment Canada – Emissions and Economic Modeling of "Turning the Corner" Plan.
- ✓ Environment Canada, Modeling Policy Scenarios for Reducing Electricity Sector Emissions.
- ✓ National Round Table on the Environment and the Economy, A Low Emission Scenario for 2050.
- ✓ National Round Table on the Environment and the Economy, CAC Emission Reductions Resulting from a Low GHG Emission Scenario.

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	Ralph Zarumba
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input type="checkbox"/>		
Consultant:	<input checked="" type="checkbox"/>	20+	
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	14.00	\$330.00	\$4,620.00	\$600.60	\$5,220.60
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference			\$0.00	\$0.00	\$0.00
Attendance - Oral Hearing	14.00	\$330.00	\$4,620.00	\$600.60	\$5,220.60
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$9,240.00	\$1,201.20	\$10,441.20

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone		\$0.00	\$0.00
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air	\$1,929.89	\$250.89	\$2,180.78
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		included	\$0.00
Taxi or Airport Limo	\$223.12	\$29.01	\$252.13
Accommodation	\$417.79	\$54.31	\$472.10
Meals	\$71.25	\$9.26	\$80.51
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$2,642.05	\$343.47	\$2,985.52

Ralph Zarumba

Ralph Zarumba
Director

Navigant Consulting, Inc.
30 S. Wacker Drive
Suite 3100
Chicago, IL 60606
Cell: 312 342 4387
Fax: 312-583-5701
Skype: ralph.zarumba

ralph.zarumba@navigant.com

Professional History

- Director, Navigant Consulting
- Director, Science Applications International Corporation
- President, Zarumba Consulting
- Management Consultant, Sargent & Lundy Consulting Group
- President, Analytical Support Network, Inc.
- Manager, Pricing Practice, Synergic Resources Corporation

Education

- MA, Economics, DePaul University, Chicago, IL
- BS, Economics, Illinois State University, Normal, IL

Professional Associations

- The American Economic Association

Ralph Zarumba is a Director in the Energy Practice's Power Systems, Markets and Pricing group. With 27 years of experience performing economic, regulatory and financial analysis, Mr. Zarumba specializes in theoretical and applied techniques of electricity cost and pricing analysis, market analysis, and regulatory policy. Mr. Zarumba has performed a variety of engagements in Canada including engagements on behalf of the Ontario Energy Board (OEB) and studies for a number of the distributors and transmitters in Ontario.

Mr. Zarumba has appeared as an expert witness in a number of regulatory and legal proceedings addressing the topics of pricing, cost of service, functional separation or regulated and unregulated operations of utility holding companies, asset valuation and regulatory treatment of Smart Grid investments. He has also assisted clients in other matters including Depreciation Studies, Transfer Pricing Mechanisms and evaluation of the results of competitive bidding for electric generation services.

For the past several years Mr. Zarumba's assignments have included advising on strategic energy matters, state and federal electric regulatory issues, requests for proposals for long-term electric capacity reviews of annual cost of service, transmission and distribution rate requests, and developing strategies for providing electric and thermal services.

Mr. Zarumba has testified as an expert witness before the Federal Energy Regulatory Commission ("FERC"), the Massachusetts Department of Public Utilities, the Rhode Island Public Utilities Commission, the Illinois Commerce Commission, the Wisconsin Public Service Commission, the Ontario Energy Board and a number of other venues including city councils. Mr. Zarumba has given a number of papers and presentations on various regulatory and market analysis issues.

Mr. Zarumba's expertise includes:

- » Electric Marginal Costs Analysis;
- » Electric Embedded Cost of Service Analysis;
- » Regulated Electric Utility Pricing;
- » Depreciation Studies;
- » Transfer Pricing;

- » Decoupling Mechanisms;
- » Utility Resource Planning;
- » Electric Transmission Policy and Planning;
- » Market Design;
- » Regulatory Policy;
- » Electric Market Price Analysis and Long-Term Wholesale Price Forecasts;
- » Valuation of Merchant Electric Generation Assets;
- » Valuation of Regulated Utility Assets; and
- » Training of Regulatory Commission Staff.

Selected Professional Experience

Experience in Ontario:

- » Prepared a white paper on rate mitigation mechanisms for the Ontario Energy Board.
- » Prepared a white paper for the Ontario Energy Board on apportion of regulatory commission costs to various stakeholders.
- » Prepared a number of working capital studies for various distributors and transmitters in the Province of Ontario.
- » Prepare a functional cost separation study for a regulated electric utility in Ontario.

Regulatory and Pricing:

- » For a confidential client prepared a benchmarking analysis of the costs of regulatory proceedings associated with the introduction of new electric generation.
- » Prepared an analysis of the pricing of voluntary renewable energy products for a Midwestern public power association.
- » Managed a project team which completed a Remaining Life Study for the Western Minnesota Municipal Power Agency.
- » Led a team that prepared a cost of service, rate design, legal evaluation and financial analysis for the Puerto Rico Electric Power Authority.
- » Performed a Pricing Strategy for the South Carolina Public Service Company (Santee Cooper).

- » Prepared a financial plan, electric rate design and phase-in plan for a new electric generation plan for Fayetteville (North Carolina) Public Works Commission.
- » Assisted Commonwealth Edison Company in their Electric Rate Request (Illinois Commerce Commission Docket No. 10-467).
- » Prepared proposals for Retail Conjunctive Billing Pricing filed in Illinois and Wisconsin which were filed before the Illinois Commerce Commission and the Wisconsin Public Service Commission.
- » Mr. Zarumba developed the Wisconsin Electric Power Company's first Curtailable Electric Tariff available to commercial customers.
- » Mr. Zarumba has negotiated complex service contracts with thermal energy customers which led to a major expansion of the Wisconsin Electric Steam System.
- » Assisted Indianapolis Power & Light in preparing a cost recovery plan for Energy Efficiency and Demand Side Management Expenditures.
- » Trained regulatory staffs in the Republic of Macedonia, Bosnia and Herzegovina, Croatia and Albania.
- » Prepared proposals for ancillary services pricing based upon market-based mechanisms for San Diego Gas and Electric Company.
- » Completed the development of wholesale and retail rate designs for a southeastern G&T, an analysis of stranded cost exposure for a northeastern utility, and prepared a strategic plan for a large municipal utility.
- » Developed a proposal for electric generation transfer pricing that would be used as a transition mechanism between the existing vertically integrated utility and a deregulated environment.
- » Filed testimony in Wisconsin proposing that state's first Demand Response Program.

Demand Response:

- » Currently assisting the Building Owners and Managers of Chicago (BOMA/Chicago) develop a program where they can bid demand response based ancillary services into the PJM market.
- » Prepared a presentation for the Public Utilities Commission of Ohio on Commercial and Industrial Dynamic Pricing and Demand Response in an unregulated regulatory environment.

Electric Transmission:

- » Assisted the Long Island Power Authority to purchase distribution, transmission and regulatory assets and prepared its non-jurisdictional open-access transmission tariff.
- » For the Manitowoc Public Utilities prepared an analysis that evaluated the divestiture of its transmission assets to the American Transmission Company.
- » Prepared the pricing portion of a FERC open access tariff (Docket No. ER96-96-43.000) for San Diego Gas and Electric Company; testified on revenue requirements and pricing including opportunity costs.

Generation Market Analysis:

- » For a major public power generation owner prepared a strategy of internal coal versus natural gas generation dispatch protocols including the treatment of liquidated damages.
- » Co-authored a report for Nalcor on the feasibility and economics of the proposed developed of the Lower Churchill Hydroelectric project.
- » Prepared a number of electric market price forecasts for many regions of the United States and Central America.
- » Supported the electric pricing and infrastructure analysis for a Least-Cost Resource Plan for San Diego County.
- » Prepared an analysis of the saturation of coal-fired electric generation technology in the Western Electric Coordinating Council.
- » Developed a long-run electric expansion plan for the Railbelt System in Alaska.
- » Managed a team that prepared a long-term capacity and energy forecast for a medium-sized municipal utility.
- » For Manitowoc Public Utilities prepared a resource plan evaluating various generation expansion options.

International:

- » Currently assisting the electric regulator in the Republic of Macedonia with various regulatory issues including pricing design, revenue requirements and privatization issues.
- » As a team member working for USAID, prepared a tariff review and constructed a tariff model for the Republic of Macedonia.

- » Co-authored a report on electric market design for the Republic of Macedonia.
- » Completed a tariff implementation plan proposal for the privatization of the distribution companies of the Bulgarian Electric Utility.
- » Led a team to implement regulatory procedures and methodology for the electric power industry in Bosnia and Herzegovina.
- » Conducted a study of the electric power market in El Salvador including a quantification of the level of generation market power using the Lerner Index.

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	Todd Williams
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input type="checkbox"/>		
Consultant:	<input checked="" type="checkbox"/>	20+	
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	8.00	\$330.00	\$2,640.00	\$343.20	\$2,983.20
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference			\$0.00	\$0.00	\$0.00
Attendance - Oral Hearing			\$0.00	\$0.00	\$0.00
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$2,640.00	\$343.20	\$2,983.20

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone		\$0.00	\$0.00
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		included	\$0.00
Taxi or Airport Limo		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

Todd Williams
Managing Director

Navigant Consulting Ltd.
One Adelaide Street East, Suite 3000
Toronto, Ontario M5C 2V9
Tel 647-288-5204
Fax 416-777-2441

twilliams@navigantconsulting.com

Professional History

- Director, Navigant Consulting
- Manager, Resource Management International
- Manager, SRC International Pty. Ltd.
- Supervisor, Energy Management, Ontario Hydro

Education

- MBA – Ivey School of Business, University of Western Ontario, Canada
- B.Sc. (Honours) – Engineering Physics, Queen's University, Canada

Todd Williams

A highly capable professional with over twenty-five years of domestic and international energy market experience. Mr. Williams has expertise across a broad range of disciplines and hands-on DSM experience in both regulated and unregulated energy markets, including the design, implementation and evaluation of electricity and natural gas energy efficiency programs and portfolios and the design of regulatory frameworks and mechanisms to encourage DSM. Mr. Williams has served as an expert witness on DSM and has conducted numerous DSM potential studies, market analyses, end-use studies and evaluations covering the industrial, commercial and residential sector.

Professional Experience

- » Led a review of BC Hydro's PowerSmart DSM planning and evaluation processes and framework as part of an internal audit.
- » Directed the development of energy and peak demand saving and cost assumptions for over 100 prescriptive and quasi-prescriptive measures for use in natural gas and electricity DSM planning, cost-effectiveness and evaluation. The natural gas measure assumptions were reviewed by stakeholders and subsequently adopted by the Ontario Energy Board. The electricity measure assumptions were adopted by the Ontario Power Authority
- » Led process and impact evaluations of several mass market and commercial programs for the Ontario Power Authority including the 2007 Summer Saving and 2008 Summer Sweepstakes reward programs, the Every Kilowatt Counts mass market coupon program and the Cool Savings HVAC incentive program. Feedback from participant and non-participant surveys in these evaluations were used in the development of energy and peak demand savings, incremental costing and net-to-gross ratios for specific program measures and for the overall program.
- » Served as expert witness in a regulatory proceeding related to DSM funding, free-ridership and attribution.

- » Managing the provision of Measurement and Verification (M&V) services to customers representing approximately 200 MW of demand response for a Canadian electricity agency.
- » Evaluated four time-of-use pricing pilots for municipal electric utilities.
- » Evaluated a water heater load control pilot program, including an assessment of customer response to changes in the reheating times for electric off-peak water heaters, customer satisfaction with their hot water supply after their heating time was modified and comparison of alternative approaches to inform customers of changes being made to their water heaters and assessed. Following the successful completion of the pilot, the utility introduced a new water heater tariff to 80,000 off-peak water heating customers in its service territory.
- » Estimated avoided energy, capacity and transmission costs for Ontario in a study that was accepted by the Ontario Energy Board for use by all electricity distributors in Ontario.
- » Analyzed the benefits of a province-wide implementation of advanced (smart) metering in Ontario. The project included an assessment of the impact of time-of-use rates and critical peak pricing on Ontario's system demand and the resultant impact on new generation requirements and supply costs, as well as the operational improvements that smart metering would enable for distribution utilities.
- » Managed the development of a several program monitoring systems to support effective DSM program operation and track critical customer information for the various utilities and agencies.
- » Supported the development of hourly load forecasts for the Ontario Power Authority in its development of Ontario's Integrated Power System Plan. The load forecasts were derived from a weather-normalized historic base year, with increments and decrements reflecting segment and end-use load growth and decrements for conservation and demand response impacts.
- » Worked in Ontario Hydro's DSM group for ten years with responsibility for all aspects of DSM programs ranging from mass market rebate programs to large custom-project programs for industrial and commercial customers. Provided financial and management support to the Program Management Division with annual DSM spending in excess of \$200 million, including development of budget and performance reports summarizing key performance parameters by program.

Ontario Energy Board

COST CLAIM FOR HEARINGS



Detail of Fees and Disbursements Being Claimed

File # EB-	2012-0337	Process:	Union Gas 2013-2014 Large Volume DSM Plan
Party:	APPrO	Name:	Amanda Bond
		Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal:	<input type="checkbox"/>		
Consultant:	<input checked="" type="checkbox"/>	5	
CV attached:	<input checked="" type="checkbox"/>	CV not required:	<input type="checkbox"/>

Statement of Fees Being Claimed

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	4.00	\$170.00	\$680.00	\$88.40	\$768.40
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference			\$0.00	\$0.00	\$0.00
Attendance - Oral Hearing			\$0.00	\$0.00	\$0.00
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
TOTAL LEGAL/CONSULTANT FEES			\$680.00	\$88.40	\$768.40

Statement of Disbursements Being Claimed

	Net Cost	HST	Total
Photocopies		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Fax		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone		\$0.00	\$0.00
Postage		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		included	\$0.00
Taxi or Airport Limo		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

Amanda Bond

Amanda Bond
Consultant

Navigant Consulting
333 Bay Street, Suite 1250
Toronto, ON M5H 2R2
Cell: 416.880.2728
Tel: 416.777.2743
Fax: 416.777.2441

amanda.bond@navigant.com

Professional History

- Consultant, Navigant Consulting Ltd.
- Coordinator, Finance and Administration, ecobee, Inc.
- Training and Research Assistant, Ryerson University
- Coordinator, Training and Education, RunIT Consulting Ltd.

Education

- Masters Degree, International Economics and Finance, Ryerson University
- Bachelors Degree, International Economics and Finance, Ryerson University

Amanda Bond is a Consultant with the Energy practice in Navigant's Toronto, ON office. Before joining Navigant, Amanda worked for a start-up green technology company that services the HVAC, consumer, and utility markets in its production a software based energy management system for both residential and commercial customers. Prior to this, Ms. Bond completed her master's degree in economics from Ryerson University on a graduate fellowship, a scholarship that is awarded to the student who holds the highest grades entering the program.

Professional Experience

» Worked closely with the VP of Finance at ecobee, Inc., a start-up green technology company. Analyzed complex excel sheets to help create regional sales and commissions reports. Handled administrative and accounting tasks such as payroll, accounts receivable, expenses, and credit card reconciliation.

» Gained knowledge in the energy industry while working at ecobee, as it services the HVAC, consumer, and utility markets in its production of a "smart thermostat." ecobee works to create a pipeline for these three markets to work together effectively and efficiently to reduce energy consumption on the smart grid.

» Held role as a Teaching Assistant for undergraduate macroeconomics, microeconomics, econometrics and applied econometrics at Ryerson University. Facilitated a weekly seminar in introductory macroeconomics, and invigilated quizzes and exams. Was also responsible for marking all assignments and quizzes.

- » Provided assistance in statistical analysis for economics department associate professor as a Research Assistant for ongoing project. Gathered and interpreted data, generated summaries and prepared reports for review.
- » Implemented and managed the training services offered by RunIT Consulting Ltd. Made pricing decisions for training based on cost analysis to ensure optimum return for the company. Advised in the development and roll out of marketing plan, branding, and website for the company. Worked closely with other consultants to inspire and create a RunIT brand and company identity.

Publications

- » Currently co-authoring a paper with Ryerson University. The paper analyzes the effects that selected macroeconomic variables have on Canadian stock returns. The paper measures these effects from two perspectives: the short-run contemporaneous effect of macro variables on stock returns, and the long-run cointegrating relationship between the variables. The macroeconomic variables include the short-term interest rate differential, and financial services indices between Canada and the US, and the price indices of energy and commodities. The model is an extension of Arbitrage Pricing Theory. This paper will be submitted for publication to the Canadian Journal of Economics.

Awards and Scholarships

- » Completed master's degree with full scholarship towards tuition and living expenses from Ryerson University. This **Ontario Graduate Fellowship** is rewarded to the student who attains the highest grades entering the program.
- » Recipient of the 2006 Connie Briant International Economics Award of Merit. This award is granted to one student in their third year who exhibits a strong work ethic and maintains a high GPA.

RECEIVED DEC 21 2012

Mr. David Butters
Assn Of Power Producers Of Ontario
25 Adelaide Street East
Suite 1602
Toronto, ON M5C 3A1

December 12, 2012
Project Number: 161403
Invoice Number: 381103

Re: DSM Funding Options

For services performed through November 30, 2012

Professional Services	Hours
Associate Dir	
Glen Wood	7.00
Subtotal Labor	7.00

If you have any questions please contact me at your earliest convenience.

Glen Wood
Project Manager

Employee Name	Date	Description	Hours
WOOD, GLEN	27/11/2012	RESEARCH & SURVEY COORDINATION	1
WOOD, GLEN	28/11/2012	RESEARCH & SURVEY COORDINATION	4
WOOD, GLEN	29/11/2012	RESEARCH & SURVEY COORDINATION	1
WOOD, GLEN	30/11/2012	RESEARCH & SURVEY COORDINATION	1
		SUBTOTAL TASK:	7

Mr. David Butters
 Assn Of Power Producers Of Ontario
 25 Adelaide Street East
 Suite 1602
 Toronto, ON M5C 3A1

January 17, 2013
 Project Number: 161403
 Invoice Number: 384732

Re: DSM Funding Options

For services performed through December 31, 2012

Professional Services	Hours
Associate Dir	
Glen Wood	46.00
Consultant	
Amanda Bond	4.00
Director	
Ralph Zarumba	2.00
Subtotal Labor	52.00

Employee Name	Date	Description	Hours
BOND, AMANDA	13/12/2012		4
WOOD, GLEN	03/12/2012	UTILITY SURVEY, RESEARCH AND DRAFTING REPORT	2.5
WOOD, GLEN	04/12/2012	UTILITY SURVEY, RESEARCH AND DRAFTING REPORT	3.5
WOOD, GLEN	05/12/2012	UTILITY SURVEY, RESEARCH AND DRAFTING REPORT	6.5
WOOD, GLEN	06/12/2012	UTILITY SURVEY, RESEARCH AND DRAFTING REPORT	5.5
WOOD, GLEN	07/12/2012	UTILITY SURVEY, RESEARCH AND DRAFTING REPORT	2.5
WOOD, GLEN	10/12/2012	RESEARCH AND DRAFTING REPORT	2.5
WOOD, GLEN	11/12/2012	RESEARCH AND DRAFTING REPORT	5
WOOD, GLEN	12/12/2012	RESEARCH AND DRAFTING REPORT	6
WOOD, GLEN	13/12/2012	RESEARCH AND DRAFTING REPORT	7
WOOD, GLEN	14/12/2012	RESEARCH AND DRAFTING REPORT	4
WOOD, GLEN	17/12/2012	FINAL CHANGES TO REPORT	0.5
WOOD, GLEN	28/12/2012	IR REVIEW	0.5
ZARUMBA, RALPH	11/12/2012	Review Report Drafts	1
ZARUMBA, RALPH	12/12/2012	Review Report Drafts	1
		SUBTOTAL TASK:	52

RECEIVED FEB 28 2013

Mr. David Butters
Assn Of Power Producers Of Ontario
25 Adelaide Street East
Suite 1602
Toronto, ON M5C 3A1

February 25, 2013
Project Number: 161403
Invoice Number: 388049

Re: DSM Funding Options

For services performed through January 31, 2013

Professional Services	Hours
Associate Dir	
Glen Wood	22.00
Director	
Ralph Zarumba	20.00
Managing Dir	
Todd Williams	8.00
Subtotal Labor	50.00

Employee Name	Date	Description	Hours
WILLIAMS, TODD	08/01/2013	IR responses	5
WILLIAMS, TODD	09/01/2013	Draft and finalize IR responses	1.5
WILLIAMS, TODD	10/01/2013	Draft and finalize IR responses	1.5
WOOD, GLEN	04/01/2013	IR REVIEW	2
WOOD, GLEN	06/01/2013	RESPONDING TO IR'S	3.5
WOOD, GLEN	07/01/2013	RESPONDING TO IR'S	3
WOOD, GLEN	09/01/2013	RESPONDING TO IR'S	1.5
WOOD, GLEN	10/01/2013	RESPONDING TO IR'S	1
WOOD, GLEN	11/01/2013	RESPONDING TO IR'S	1
WOOD, GLEN	14/01/2013	RESPONDING TO IR'S	2
WOOD, GLEN	15/01/2013	RESPONDING TO IR'S	0.5
WOOD, GLEN	17/01/2013	RESPONDING TO IR'S	1
WOOD, GLEN	18/01/2013	RESPONDING TO IR'S	2
WOOD, GLEN	22/01/2013	IR RESPONSES	1.5
WOOD, GLEN	28/01/2013	IR'S AND SUPPORT TO QUESTIONS AT HEARING	0.5
WOOD, GLEN	30/01/2013	IR'S AND SUPPORT TO QUESTIONS AT HEARING	1.5
WOOD, GLEN	31/01/2013	IR'S AND SUPPORT TO QUESTIONS AT HEARING	1
ZARUMBA, RALPH	29/01/2013	Review Report	4
ZARUMBA, RALPH	30/01/2013	Prep with attorneys	8
ZARUMBA, RALPH	31/01/2013	Union Gas Hearings	8
		SUBTOTAL TASK:	50

RECEIVED MAR 18 2013

Mr. David Butters
Assn Of Power Producers Of Ontario
25 Adelaide Street East
Suite 1602
Toronto, ON M5C 3A1

March 12, 2013
Project Number: 161403
Invoice Number: 389453

Re: DSM Funding Options

For services performed through February 28, 2013

Professional Services	Hours
Associate Dir	
Glen Wood	6.50
Director	
Ralph Zarumba	6.00
Subtotal Labor	12.50

Reimbursable Expenses	
Airfare	1,929.89
Ground Transportation/ Auto Expense	223.12
License	148.58
Lodging	417.09
Meals	198.89
Subtotal	2,917.57

Employee Name	Date	Description	Hours
WOOD, GLEN	01/02/2013	RESPONDING TO RZARUMBA FOR TESTIMONY AND IR'S	3.5
WOOD, GLEN	04/02/2013	SUPPORT FOR IR'S	3
ZARUMBA, RALPH	01/02/2013	Hearings at OEB	6
		SUBTOTAL TASK:	12.5

Date	Name	Code	Amount	Description
1/29/2013	RALPH ZARUMBA	LICENSE	148.58	work permit, DSM project in Ontario
1/29/2013	RALPH ZARUMBA	GRTRANS	59.43	taxi to O'Hare airport
1/29/2013	RALPH ZARUMBA	GRTRANS	63.86	transportation from YYZ airport to hotel
1/29/2013	RALPH ZARUMBA	AIRFARE	1,929.89	ticket 0167183717931
1/29/2013	RALPH ZARUMBA	LODGING	137.53	room 1.29.13`
1/30/2013	RALPH ZARUMBA	MEALS	79.03	meal - Toronto
1/31/2013	RALPH ZARUMBA	MEALS	84.47	meal
1/31/2013	RALPH ZARUMBA	MEALS	14.80	meal
1/31/2013	RALPH ZARUMBA	LODGING	139.99	room 1.31.13`
1/31/2013	RALPH ZARUMBA	LODGING	139.57	room 1.30.13`
1/31/2013	RALPH ZARUMBA	GRTRANS	23.86	taxi Ontario`
2/1/2013	RALPH ZARUMBA	GRTRANS	23.93	taxi to airport
2/1/2013	RALPH ZARUMBA	MEALS	20.59	meal at airport
2/1/2013	RALPH ZARUMBA	GRTRANS	52.04	taxi home from O'Hare airport
TOTAL			2,917.57	

Mr. Zarumba is a US employee.

His expenses were converted from Cdn\$ to US\$ on his expenses report to Cdn\$ on the invoice.

Expense Report by Day**Employee Name** ZARUMBA, RALPH**Employee Number** 112737**ER Contains****Invoice Number** 112737496742**Foreign Related Expenses****Report Period** 1/29/2013 to 2/1/2013 **FEB 21 2013**

Upon posting this expense report, I attest that all my expenses conform to the NCT travel and entertainment policy and guidelines.

Report Number 496742**Report Name** DSM Ontario 1.29.13**Currency** DO**Employee Signature****Date** 2-20-13**Authorization Signature****Date****Expenses to be Reimbursed**

Cost Code	Cost Code Description	1/29/2013	1/30/2013	1/31/2013	2/1/2013	Total
AIRFARE	Airfare	1,948.40	0.00	0.00	0.00	1,948.40
GRTRANS	Ground Tra...	124.47	0.00	23.81	76.57	224.85
HSTX	HST Tax	18.05	18.10	18.16	0.00	54.31
LICENSE	License	150.00	0.00	0.00	0.00	150.00
LODGING	Lodging	138.85	0.00	278.94	0.00	417.79
MEALS	Meals	0.00	79.79	99.05	20.75	199.59
		2,379.77	97.89	419.96	97.32	2,994.94

Detailed Description

Date	Index	Cost Code	Project	Task	SubTask	Project Description	Supplier	Quantity	Amount
1/29/2013	5837262	AIRFARE	161403			DSM FUNDING OPTIONS	United Airlines	1.00	1,948.40
									ticket 0167183717931
1/29/2013	5837500	GRTRANS	161403			DSM FUNDING OPTIONS	Taxi	1.00	60.00
									taxi to O'Hare airport
1/29/2013	5837503	GRTRANS	161403			DSM FUNDING OPTIONS	Aerofleet services	1.00	64.47
									transportation from YYZ airport to hotel
1/29/2013	5837301	LICENSE	161403			DSM FUNDING OPTIONS	CBSA/ASFC Pearson Intl Airport	1.00	150.00
									work permit, DSM project in Ontario
1/29/2013	5837282	LODGING	161403			DSM FUNDING OPTIONS	Holiday Inn Express Toronto	1.00	138.85
									room 1.29.13 converted per OANDA
1/30/2013	5837504	MEALS	161403			DSM FUNDING OPTIONS	Terroni	1.00	79.79
									meal - Toronto
1/31/2013	5837537	MEALS	161403			DSM FUNDING OPTIONS	Aroma Espresso	1.00	14.77
									meal
1/31/2013	5837509	MEALS	161403			DSM FUNDING OPTIONS	Restaurant Houston	1.00	84.28
									meal
1/31/2013	5837290	LODGING	161403			DSM FUNDING OPTIONS	Holiday Inn Express Toronto	1.00	139.68
									room 1.31.13 converted per OANDA
1/31/2013	5837293	LODGING	161403			DSM FUNDING	Holiday Inn	1.00	139.24

PAID**FEB 25 2013****C GALVAN**

				OPTIONS	Express Toronto		
room 1.30.13 converted per OANDA							
1/31/2013	5837496	GRTRANS	161403	DSM FUNDING OPTIONS	Maple Leaf	1.00	23.81
taxi Ontario converted per OANDA							
2/1/2013	5837502	GRTRANS	161403	DSM FUNDING OPTIONS	Checker	1.00	52.45
taxi home from O'Hare airport							
2/1/2013	5837505	GRTRANS	161403	DSM FUNDING OPTIONS	Beck Taxi	1.00	24.12
taxi to airport							
2/1/2013	5837498	MEALS	161403	DSM FUNDING OPTIONS	Toronto Airport	1.00	20.75
meal at airport							
1/29/2013	5837284	HSTX	980200	HST EMPLOYEE REIMBURSEMENT	Holiday Inn Express Toronto	1.00	18.05
HST on room for 1/29/13							
1/30/2013	5837286	HSTX	980200	HST EMPLOYEE REIMBURSEMENT	Holiday Inn Express Toronto	1.00	18.10
HST on room for 1/30/13							
1/31/2013	5837288	HSTX	980200	HST EMPLOYEE REIMBURSEMENT	Holiday Inn Express Toronto	1.00	18.16
HST on room for 1/31/13							
							2,994.94

Project Summary

Project Number	Project Description	Client Name	Client Number	Amount
161403	DSM FUNDING OPTIONS	20291	ASSOCIATION OF POWER PRODUCERS OF ONTARIO	2,940.63
980200	HST EMPLOYEE REIMBURSEMENT	99999	NAVIGANT NON-BILLABLES	54.31
				2,994.94

UNITED

A STAR ALLIANCE MEMBER

Confirmation:
HTYSMS
Check-In >

Issue Date: January 28, 2013

Traveler	eTicket Number	Frequent Flyer	Seats
ZARUMBA/RALPH	0167183717931	UA-WT50XXXX Premier 1K / *G	12D/7C

FLIGHT INFORMATION

Day, Date	Flight	Class	Departure City and Time	Arrival City and Time	Aircraft	Meal
Tue, 29JAN13	UA699	B	CHICAGO, IL (ORD - O'HARE) 6:26 PM	TORONTO, ON CANADA (YYZ) 9:03 PM	A-320	
Fri, 01FEB13	UA3710	B	TORONTO, ON CANADA (YYZ) 7:23 PM	CHICAGO, IL (ORD - O'HARE) 8:20 PM	CRJ-700	

Flight operated by GOJET AIRLINES doing business as UNITED EXPRESS.

FARE INFORMATION**Fare Breakdown**

Airfare:	1,744.00 USD
U.S. Federal Transportation Tax:	130.80
Canada Airport Improvement Fee:	25.20
Canadian Security Charge:	12.80
U.S. Flight Segment Tax:	7.80
U.S. Immigration User Fee:	7.00
U.S. Customs User Fee:	5.50
U.S. APHIS User Fee:	5.00
U.S. Passenger Facility Charge:	4.50
Canada Harmonized Sales Tax:	3.30
September 11th Security Fee:	2.50
Per Person Total:	1,948.40 USD

Form of Payment:
 AMERICAN EXPRESS
 Last Four Digits 2000
eTicket Total:**1,948.40 USD**

The airfare you paid on this itinerary totals: 1,744.00 USD

The taxes, fees, and surcharges paid total: 204.40 USD

Fare Rules: Additional charges may apply for changes in addition to any fare rules listed.

NONREF-0VALUAFTDPT-CHGFEE

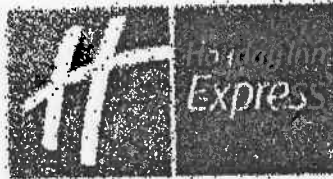
Cancel reservations before the scheduled departure time or TICKET HAS NO VALUE.

Baggage allowance and charges for this itinerary.**Baggage fees are per traveler**

Origin and destination for checked baggage	1 st bag	2 nd bag	Max wt / dim per piece
1/29/2013 Chicago, IL (ORD - O'Hare) to Toronto, ON Canada (YYZ)	0.00 USD	0.00 USD	70.0lbs (32.0kg) - 62.0in (157.0cm)
2/1/2013 Toronto, ON Canada (YYZ) to Chicago, IL (ORD - O'Hare)	0.00 USD	0.00 USD	70.0lbs (32.0kg) - 62.0in (157.0cm)

MileagePlus® Premier® 1K® membership must be valid at time of check-in to qualify for waiver of service charges for first, second and third checked bags within specified size and weight limits.

Additional Baggage Information**Carry-on baggage information**



5

02-15-13

Ralph Zarumba 30 S Walker Dr Chicago IL 60606 US	Folio No.	193579	Room No. :	0708
	A/R Number		Arrival :	01-29-13
	Ref. Number		Departure :	02-01-13
	Company		Conf. No. :	65672820
	Membership No. :	PC 669682267	Rate Code :	IJHD1
	Invoice No.		Page No. :	1 of 1

Date	Description	Charges	Credits
01-29-13	*Accommodation	139.99	
01-29-13	HST Tax	18.20	
01-30-13	*Accommodation	139.99	
01-30-13	HST Tax	18.20	
01-31-13	*Accommodation	139.99	
01-31-13	HST Tax	18.20	
02-01-13	American Express		474.57
XXXXXXXXXXXX2000			
Thank you for staying at The Holiday Inn Express Toronto Downtown. Qualifying points for this stay will automatically be credited to your account. To make additional reservations online, update your account information or view your statement please visit www.priorityclub.com. We look forward to welcoming you back soon.		Total	474.57 474.57
		Balance	0.00

Guest Signature:

I have received the goods and / or services in the amount shown herein. I agree that my liability for this bill is not waived and agree to be held personally liable in the event that the indicated person, company, or associate fails to pay for any part or the full amount of these charges. If a credit card charge, I further agree to perform the obligations set forth in the cardholder's agreement with the issuer.

Holiday Inn Express Toronto-Downtown
111 Lombard Street
Toronto, ON M5C 2T0
Tel: (416) 367-5555 Fax: (416) 367-3470
HST # 860549062RT0057



Currency Converter

CAD/USD for the 24-hour period ending **Monday, Jan 28, 2013 22:00 UTC @ +/- 0%**

Currency I Have:

139.99 CAD

Currency I Want:

138.850 USD

CAD/USD Details

CAD/USD for the 24-hour period ending **Monday, Jan 28, 2013 22:00 UTC @ +/- 0%**

Selling 139.990 CAD → you get 138.850 USD

Buying 139.990 CAD → you pay 138.876 USD

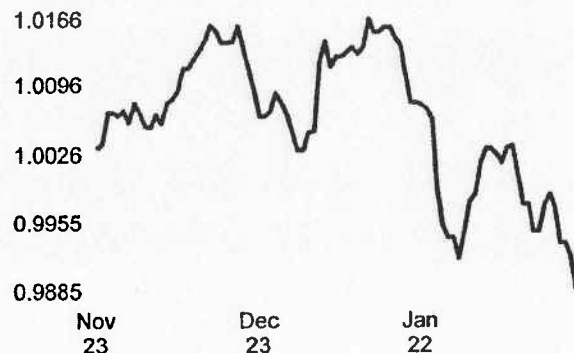
Rate Details

CAD/USD for the 24-hour period ending
Monday, Jan 28, 2013 22:00 UTC

	Bid Sell 1 CAD	Ask Buy 1 CAD
MIN	0.98999	0.99014
AVG	0.99186	0.99204
MAX	0.99379	0.99401

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD					OANDA				
Interbank Rate +/- 0%									
Jan 29, 2013									
CAD	USD	CAD	USD	CAD	USD	CAD	USD	CAD	USD
1	0.99	15	14.88	45	44.63				
2	1.98	20	19.84	50	49.59				
3	2.98	25	24.80	100	99.19				
4	3.97	30	29.76	250	247.96				
5	4.96	35	34.72	500	495.93				
10	9.92	40	39.67	1,000	991.86				



Currency Converter

CAD/USD for the 24-hour period ending Monday, Jan 28, 2013 22:00 UTC @ +/- 0%

Currency I Have:

18.20 CAD

Currency I Want:

18.0518 USD

CAD/USD Details

CAD/USD for the 24-hour period ending Monday, Jan 28, 2013 22:00 UTC @ +/- 0%

Selling 18.2000 CAD → you get 18.0518 USD

Buying 18.2000 CAD → you pay 18.0552 USD

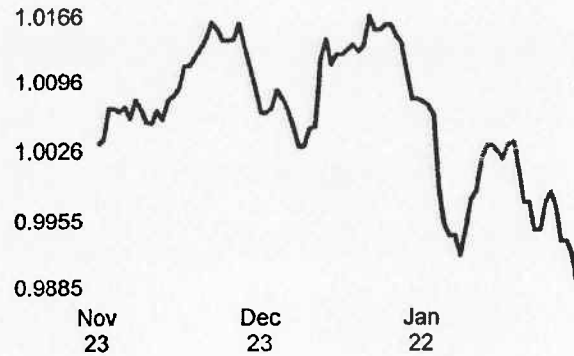
Rate Details

CAD/USD for the 24-hour period ending
Monday, Jan 28, 2013 22:00 UTC

	Bid	Ask
	Sell 1 CAD	Buy 1 CAD
MIN	0.98999	0.99014
AVG	0.99186	0.99204
MAX	0.99379	0.99401

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD					
Interbank Rate +/- 0%					
Jan 29, 2013					
CAD	USD	CAD	USD	CAD	USD
1	0.99	15	14.88	45	44.63
2	1.98	20	19.84	50	49.59
3	2.98	25	24.80	100	99.19
4	3.97	30	29.76	250	247.96
5	4.96	35	34.72	500	495.93
10	9.92	40	39.67	1,000	991.86



Currency Converter

CAD/USD for the 24-hour period ending Tuesday, Jan 29, 2013 22:00 UTC @ +/- 0%

Currency I Have:

139.99 CAD

Currency I Want:

139.258 USD

CAD/USD Details

CAD/USD for the 24-hour period ending Tuesday, Jan 29, 2013 22:00 UTC @ +/- 0%

Selling 139.990 CAD → you get 139.258 USD

Buying 139.990 CAD → you pay 139.282 USD

Rate Details

CAD/USD for the 24-hour period ending Tuesday, Jan 29, 2013 22:00 UTC

	Bid	Ask
	Sell 1 CAD	Buy 1 CAD
MIN	0.99330	0.99345
AVG	0.99477	0.99495
MAX	0.99805	0.99821

Recent Trends

CAD/USD average daily bid prices Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD					OANDA				
Interbank Rate +/- 0%									
Jan 30, 2013									
CAD	USD	CAD	USD	CAD	USD	CAD	USD	CAD	USD
1	0.99	15	14.92	45	44.76				
2	1.99	20	19.90	50	49.74				
3	2.98	25	24.87	100	99.48				
4	3.98	30	29.84	250	248.69				
5	4.97	35	34.82	500	497.38				
10	9.95	40	39.79	1,000	994.77				



Currency Converter

CAD/USD for the 24-hour period ending **Tuesday, Jan 29, 2013 22:00 UTC** @ +/- 0%

Currency I Have:

18.20 CAD

Currency I Want:

18.1048 USD

CAD/USD Details

CAD/USD for the 24-hour period ending **Tuesday, Jan 29, 2013 22:00 UTC** @ +/- 0%

Selling 18.2000 CAD → you get 18.1048 USD

Buying 18.2000 CAD → you pay 18.1080 USD

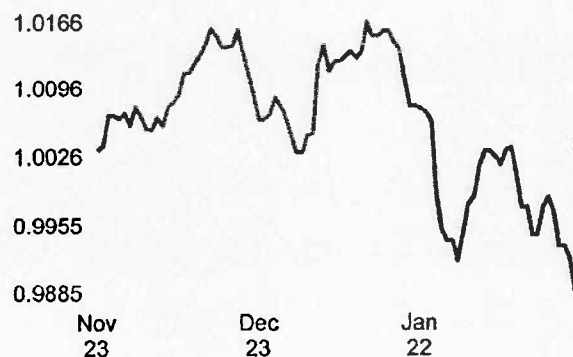
Rate Details

CAD/USD for the 24-hour period ending
Tuesday, Jan 29, 2013 22:00 UTC

	Bid Sell 1 CAD	Ask Buy 1 CAD
MIN	0.99330	0.99345
AVG	0.99477	0.99495
MAX	0.99805	0.99821

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD						OANDA	
Interbank Rate +/- 0%							
Jan 30, 2013							
CAD	USD	CAD	USD	CAD	USD		
1	0.99	15	14.92	45	44.76		
2	1.99	20	19.90	50	49.74		
3	2.98	25	24.87	100	99.48		
4	3.98	30	29.84	250	248.69		
5	4.97	35	34.82	500	497.38		
10	9.95	40	39.79	1,000	994.77		



Currency Converter

CAD/USD for the 24-hour period ending Wednesday, Jan 30, 2013 22:00 UTC @ +/- 0%

Currency I Have:

139.99 CAD

Currency I Want:

139.680 USD

CAD/USD Details

CAD/USD for the 24-hour period ending Wednesday, Jan 30, 2013 22:00 UTC @ +/- 0%

Selling 139.990 CAD → you get 139.680 USD

Buying 139.990 CAD → you pay 139.705 USD

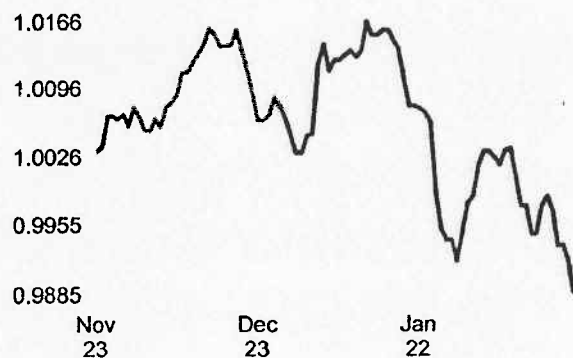
Rate Details

CAD/USD for the 24-hour period ending Wednesday, Jan 30, 2013 22:00 UTC

	Bid	Ask
	Sell 1 CAD	Buy 1 CAD
MIN	0.99464	0.99480
AVG	0.99779	0.99796
MAX	0.99909	0.99932

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD		OANDA	
Interbank Rate +/- 0%			
Jan 31, 2013			
CAD	USD	CAD	USD
1	1.00	15	14.97
2	2.00	20	19.96
3	2.99	25	24.94
4	3.99	30	29.93
5	4.99	35	34.92
10	9.98	40	39.91
		45	44.90
		50	49.89
		100	99.78
		250	249.45
		500	498.89
		1,000	997.79



Currency Converter

CAD/USD for the 24-hour period ending Wednesday, Jan 30, 2013 22:00 UTC @ +/- 0%

Currency I Have:

18.20 CAD

Currency I Want:

18.1597 USD

CAD/USD Details

CAD/USD for the 24-hour period ending Wednesday, Jan 30, 2013 22:00 UTC @ +/- 0%

Selling 18.2000 CAD → you get 18.1597 USD

Buying 18.2000 CAD → you pay 18.1629 USD

Rate Details

CAD/USD for the 24-hour period ending Wednesday, Jan 30, 2013 22:00 UTC

	Bid Sell 1 CAD	Ask Buy 1 CAD
MIN	0.99464	0.99480
AVG	0.99779	0.99796
MAX	0.99909	0.99932

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD					
Interbank Rate +/- 0%					
Jan 31, 2013					
CAD	USD	CAD	USD	CAD	USD
1	1.00	15	14.97	45	44.90
2	2.00	20	19.96	50	49.89
3	2.99	25	24.94	100	99.78
4	3.99	30	29.93	250	249.45
5	4.99	35	34.92	500	498.89
10	9.98	40	39.91	1,000	997.79

Date : 2013/01/29
Time/Heure: 21:47
Acct. Per./Pér compt.: 0010310

K21 DOCUMENT
DOCUMENT K21

PROTECTED/PROTÉGÉ

Office Name/Nom de bureau: PEARSON INTERNATIONAL AIRPORT - T-1
Address/Adresse : P.O. BOX 40, TORONTO ONT, L5P 1A2

Importer Name/Nom de l'importateur:
RALPH ZARUMBA

Reference No./No. de référence:
U944841273

Document No./No. de document:
T1497011721T

Business Number/Numéro d'entreprise:

Document Type/Genre de document:
Traffic/Traffic

Associated Doc. No./No. de doc. associé:

Comments/Commentaires: **WORK PERMIT
6470-7502**

Seizure Payment?/Paiement saisi?:
No/Non

Description	Revenue Code/ Code de recette	Amount/ Montant
Work permit / Permis de travail	44300	\$150.00
Grand Total		\$150.00

CBSA/ASFC PEARSON INTL A
PEARSON AIRPORT, TERM1,
TORONTO, ON, L5P 1A2
905 676 5066

/TERM ID: 303

SALE

XXXXXXXXXXXXXZ000

ENTRY METHOD: SHIPPED

01/29/13 21:48:02

INVT #: 000002

APPR CODE: 562348

BATCH #: 000048

REF #: 002

AMOUNT \$150.00

CANADIAN COPY

APPROVED

Money Tendered/Argent présenté:

Cash - CAN	
Espèces - CAN	\$0.00
Cash - U.S.	
Comptant - É.-U.	\$0.00
Exchange Rate	
Taux d'échange	0.000000
AMEX - FOB / SDD:	\$150.00

TOTAL	\$150.00
Change Due	
Monnaie	\$0.00

Border Service Officer/Agent de l'ASFC: 99102

K21-1(97/10)

1245 DANFORTH AVENUE
TORONTO ON M4J 5B5

TERM #	32X17057
RECORD #	001034
HOST INVOICE #	0000450
HOST SEQ #	1000376

CARD *****2000
CREDIT/AMEX S
2013/01/31 08:45:28

AMOUNT	\$20.75
TIP	\$3.11
TOTAL	<u>\$23.86</u>

AUTH#:519951 B:0007
HTS: 20130131084601

APPROVED - 000

CUSTOMER COPY

THANK YOU

4199- MOLSON PUB
TORONTO AIRPORT
6-6855 AIRPRT RD, STE 427
MISSISSAUGA ON L4V1Y9
416-776-9768

MERCHANT ID: 16813260197 TERM ID: 012
SERVER: 3013

SALE

XXXXXXXXXXXX2000

AMEX
02/01/13
INV #: 000085

ENTRY METHOD: SWIPED
15:31:38
APPR CODE: 519962
BATCH #: 000054
REF #: 085

AMOUNT	\$18.07
TIP	\$2.71

TOTAL \$20.78

I AGREE TO PAY ABOVE TOTAL AMOUNT
IN ACCORDANCE WITH CARD ISSUER'S
AGREEMENT
(MERCHANT AGREEMENT IF CREDIT VOUCHER)
RETAIN THIS COPY FOR STATEMENT
VERIFICATION

X _____
ZARUMBA R
MERCHANT COPY
APPROVED

— IMPRINTED DATA ONLY ABOVE THIS LINE — DO NOT CIRCLE EXPIRATION DATE

RALPH ZASUNBA

EXPIRATION
 DATA
 CHECKED

DATE	SERVICES/CASHER
AUTHORIZATION NO.	REFERENCE NO.

5724721

PURCHASER SIGN HERE

X Cardholder acknowledges receipt of goods and/or services in the amount of the Total shown hereon and agrees to perform the obligations set forth in the Cardholder's agreement with the issuer.

QTY.	DESCRIPTION	AMOUNT
SALES SLIP	TAX	
	TIP	
	MISC.	
	TOTAL	60

CUSTOMER COPY

IMPORTANT: RETAIN THIS COPY FOR YOUR RECORDS



Currency Converter

CAD/USD for the 24-hour period ending **Wednesday, Jan 30, 2013 22:00 UTC** @ +/- 0%

Currency I Have:

23.86 CAD

Currency I Want:

23.8071 USD

CAD/USD Details

CAD/USD for the 24-hour period ending **Wednesday, Jan 30, 2013 22:00 UTC** @ +/- 0%

Selling 23.8600 CAD → you get 23.8071 USD

Buying 23.8600 CAD → you pay 23.8114 USD

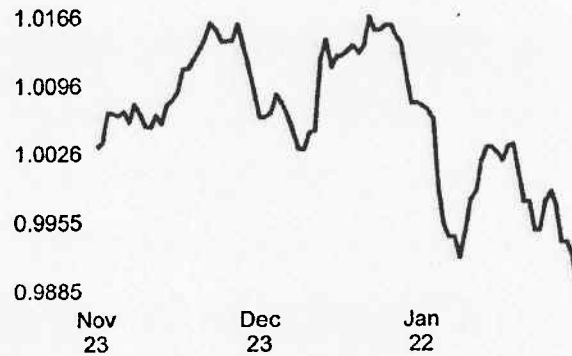
Rate Details

CAD/USD for the 24-hour period ending
Wednesday, Jan 30, 2013 22:00 UTC

	Bid Sell 1 CAD	Ask Buy 1 CAD
MIN	0.99464	0.99480
AVG	0.99779	0.99796
MAX	0.99909	0.99932

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD					OANDA				
Interbank Rate +/- 0%									
Jan 31, 2013									
CAD	USD	CAD	USD	CAD	USD	CAD	USD	CAD	USD
1	1.00	15	14.97	45	44.90				
2	2.00	20	19.96	50	49.89				
3	2.99	25	24.94	100	99.78				
4	3.99	30	29.93	250	249.45				
5	4.99	35	34.92	500	498.89				
10	9.98	40	39.91	1,000	997.79				



Currency Converter

CAD/USD for the 24-hour period ending Thursday, Jan 31, 2013 22:00 UTC @ +/- 0%

Currency I Have:

20.78 CAD

Currency I Want:

20.7514 USD

CAD/USD Details

CAD/USD for the 24-hour period ending Thursday, Jan 31, 2013 22:00 UTC @ +/- 0%

Selling 20.7800 CAD → you get 20.7514 USD

Buying 20.7800 CAD → you pay 20.7551 USD

Rate Details

CAD/USD for the 24-hour period ending Thursday, Jan 31, 2013 22:00 UTC

	Bid	Ask
	Sell 1 CAD	Buy 1 CAD
MIN	0.99644	0.99663
AVG	0.99862	0.99880
MAX	1.00418	1.00435

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

<div> <div>CAD/USD</div> <div>OANDA</div> </div> <div> <div>Interbank Rate +/- 0%</div> <div>Feb 1, 2013</div> </div>					
CAD	USD	CAD	USD	CAD	USD
1	1.00	15	14.98	45	44.94
2	2.00	20	19.97	50	49.93
3	3.00	25	24.97	100	99.86
4	3.99	30	29.96	250	249.66
5	4.99	35	34.95	500	499.31
10	9.99	40	39.94	1,000	998.62

AEROFLEET SERVICES
30-2601 MATHESON BLVD E
MISSISSAUGA ON L4W5A8
GST# 0000000000000000

TID: 074

SALE

.....2000 Exp: 11/11
Amex Swiped

01/29/2013 22:19:05 Inv#:1993
Record#: 200007 Batch#: 029001
Retrieval# 00000007

Amount: \$55.00
Tip: \$10.00
Total: \$65.00 64.47

Auth Code: 599297

Customer copy

Thank you.
Please call us for return trip.
1-800-268-0905

Terroni

57 Adelaide Street East
Toronto, Ontario
Tel: (416) 203-3093
Check #: 423574

Server: Bartender Ni Date: 01/30/2013
Table: 101 Time: 20:05
Client: 2

1 Verde 7.95
1 Margherita 13.95
3 5oz Montefalco Antan 42.00

SUB-TOTAL: 63.90
HST: 8.31

TOTAL: 72.21

To make a reservation
call us at 416-203-3093 or
visit www.terroni.ca
You can now buy
Terroni exclusive wines online!
WWW.CAVINONA.COM

HST# 836.519.124

CHECKER (1799)
*****2000
EB:XXXX
AT# 5939:9
02/01/13 16.42
10 SEQ# 437
FRT 42.43
TIP: 10.00
TOT 52.45

CAB HOME HOME



Currency Converter

CAD/USD for the 24-hour period ending **Monday, Jan 28, 2013 22:00 UTC** @ +/- 0%

Currency I Have:

65 CAD

Currency I Want:

64.4707 USD

CAD/USD Details

CAD/USD for the 24-hour period ending **Monday, Jan 28, 2013 22:00 UTC** @ +/- 0%

Selling 65.0000 CAD → you get 64.4707 USD

Buying 65.0000 CAD → you pay 64.4828 USD

Rate Details

CAD/USD for the 24-hour period ending
Monday, Jan 28, 2013 22:00 UTC

	Bid	Ask
	Sell 1 CAD	Buy 1 CAD
MIN	0.98999	0.99014
AVG	0.99186	0.99204
MAX	0.99379	0.99401

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD					
Interbank Rate +/- 0%					
Jan 29, 2013					
CAD	USD	CAD	USD	CAD	USD
1	0.99	15	14.88	45	44.63
2	1.98	20	19.84	50	49.59
3	2.98	25	24.80	100	99.19
4	3.97	30	29.76	250	247.96
5	4.96	35	34.72	500	495.93
10	9.92	40	39.67	1,000	991.86



Currency Converter

CAD/USD for the 24-hour period ending Wednesday, Jan 30, 2013 22:00 UTC @ +/- 0%

Currency I Have:

14.80 CAD

Currency I Want:

14.7672 USD

CAD/USD Details

CAD/USD for the 24-hour period ending Wednesday, Jan 30, 2013 22:00 UTC @ +/- 0%

Selling 14.8000 CAD → you get 14.7672 USD

Buying 14.8000 CAD → you pay 14.7699 USD

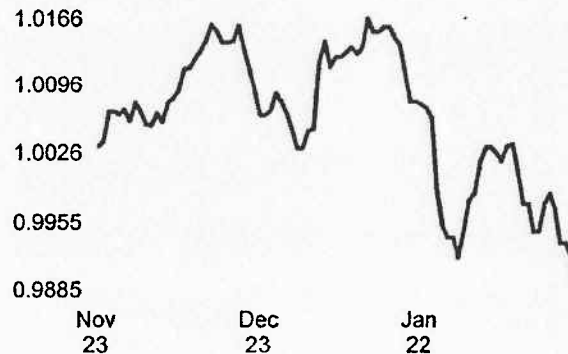
Rate Details

CAD/USD for the 24-hour period ending
Wednesday, Jan 30, 2013 22:00 UTC

	Bid Sell 1 CAD	Ask Buy 1 CAD
MIN	0.99464	0.99480
AVG	0.99779	0.99796
MAX	0.99909	0.99932

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD					OANDA				
Interbank Rate +/- 0%									
Jan 31, 2013									
CAD	USD	CAD	USD	CAD	USD	CAD	USD	CAD	USD
1	1.00	15	14.97	45	44.90				
2	2.00	20	19.96	50	49.89				
3	2.99	25	24.94	100	99.78				
4	3.99	30	29.93	250	249.45				
5	4.99	35	34.92	500	498.89				
10	9.98	40	39.91	1,000	997.79				



Currency Converter

CAD/USD for the 24-hour period ending **Thursday, Jan 31, 2013 22:00 UTC** @ +/- 0%

Currency I Have:

24.15 CAD

Currency I Want:

24.1167 USD

CAD/USD Details

CAD/USD for the 24-hour period ending **Thursday, Jan 31, 2013 22:00 UTC** @ +/- 0%

Selling 24.1500 CAD → you get 24.1167 USD

Buying 24.1500 CAD → you pay 24.1211 USD

Rate Details

CAD/USD for the 24-hour period ending
Thursday, Jan 31, 2013 22:00 UTC

	Bid	Ask
	Sell 1 CAD	Buy 1 CAD
MIN	0.99644	0.99663
AVG	0.99862	0.99880
MAX	1.00418	1.00435

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD Interbank Rate +/- 0% Feb 1, 2013					
CAD	USD	CAD	USD	CAD	USD
1	1.00	15	14.98	45	44.94
2	2.00	20	19.97	50	49.93
3	3.00	25	24.97	100	99.86
4	3.99	30	29.96	250	249.66
5	4.99	35	34.95	500	499.31
10	9.99	40	39.94	1,000	998.62



Currency Converter

CAD/USD for the 24-hour period ending **Wednesday, Jan 30, 2013 22:00 UTC** @ +/- 0%

Currency I Have:

84.47 CAD

Currency I Want:

84.2829 USD

CAD/USD Details

CAD/USD for the 24-hour period ending **Wednesday, Jan 30, 2013 22:00 UTC** @ +/- 0%

Selling 84.4700 CAD → you get 84.2829 USD

Buying 84.4700 CAD → you pay 84.2980 USD

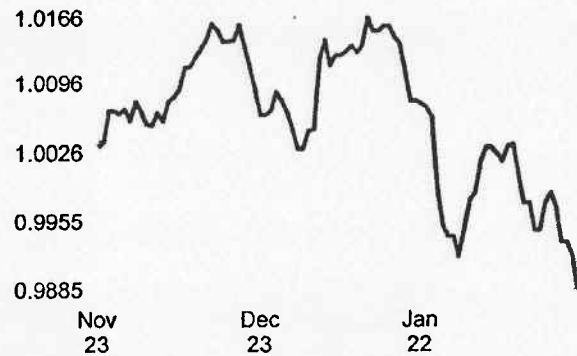
Rate Details

CAD/USD for the 24-hour period ending
Wednesday, Jan 30, 2013 22:00 UTC

	Bid	Ask
	Sell 1 CAD	Buy 1 CAD
MIN	0.99464	0.99480
AVG	0.99779	0.99796
MAX	0.99909	0.99932

Recent Trends

CAD/USD average daily bid prices
Last 90 days



Take trusted OANDA Rates™ with you on your travels

CAD/USD					
Interbank Rate +/- 0%					
Jan 31, 2013					
CAD	USD	CAD	USD	CAD	USD
1	1.00	15	14.97	45	44.90
2	2.00	20	19.96	50	49.89
3	2.99	25	24.94	100	99.78
4	3.99	30	29.93	250	249.45
5	4.99	35	34.92	500	498.89
10	9.98	40	39.91	1,000	997.79