

May 15, 2014

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

Kirsten Walli  
Board Secretary  
Ontario Energy Board  
P.O. Box 2319, 27th Floor  
2300 Yonge Street  
Toronto, ON M4P 1E4

F: +1 416.216.3930  
[nortonrosefulbright.com](http://nortonrosefulbright.com)

**Mary Zambri**  
+1 416.203.4436  
[mary.zambri@nortonrosefulbright.com](mailto:mary.zambri@nortonrosefulbright.com)

Assistant

**Your Reference**  
EB-2013-0109

**Our Reference**  
010115413-0036

Dear Ms. Walli

**EB-2013-0109 - Union Gas Limited - 2012 Earning Sharing**

Attached 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 Fulbright Canada LLP and Mr. John Wolnik at Elenchus Research Associates.

Sincerely,



Mary Zambri  
Legal Assistant to Elisabeth (Lisa) DeMarco

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

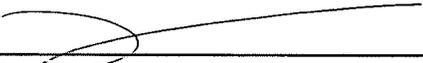
- Required data input is indicated by yellow-shaded fields. Formulas are present in the document to assist with the calculation of the cost claim.
- All claims must be in Canadian dollars. If applicable, state exchange rate and country of initial currency.  
Rate: 230.00 Country: Canada
- A separate "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- 2013-0109 Process: Union Gas Limited - 2012 Earnings Sharing  
Party: APPRO, the Association of Power Producer Affiant's Name: John Beauchamp  
HST Number: 1259 8802 RT0001 HST Rate Ontario: 13.00%  
Full Registrant  Qualifying Non-Profit   
Unregistered  Tax Exempt   
Other

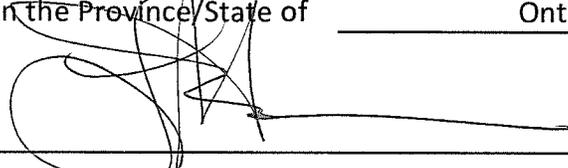
Affidavit

I, Elisabeth (Lisa) DeMarco, of the City/Town of Toronto  
in the Province/State of Ontario, 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 May 15, 2014 (date)

  
Lauren Heuser  
Page 1 of 2

**Ontario Energy Board  
COST CLAIM FOR HEARINGS**



**Affidavit and Summary of Fees and Disbursements**

**Commissioner for taking Affidavits**

**File #** EB- 2013-0109 **Process:** Union Gas Limited - 2012 Earnings Sharing

**Party:** APPRO, the Association of Power Producer

**Summary of Fees and Disbursements Being Claimed**

Legal/consultant fees	\$2,599.00
Disbursements	\$0.00
HST	\$337.87
<b>Total Cost Claim</b>	<b>\$2,936.87</b>

**Ontario Energy Board  
COST CLAIM FOR HEARINGS**



**Detail of Fees and Disbursements Being Claimed**

File # EB- <u>2013-0109</u>	Process: <u>Union Gas Limited - 2012 Earnings Sharing</u>
Party: <u>APPrO, the Association of Power Producers</u>	Name: <u>John Beauchamp</u>
Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal: <input checked="" type="checkbox"/>	<u>6 (2008)</u>
Consultant: <input type="checkbox"/>	
CV attached: <input type="checkbox"/>	CV not required: <input checked="" type="checkbox"/>

**Statement of Fees Being Claimed**

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	11.30	\$230.00	\$2,599.00	\$337.87	\$2,936.87
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
<b>TOTAL LEGAL/CONSULTANT FEES</b>			\$2,599.00	\$337.87	\$2,936.87

**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
<b>TOTAL DISBURSEMENTS:</b>		\$0.00	\$0.00

**Ontario Energy Board  
COST CLAIM FOR HEARINGS**



**Detail of Fees and Disbursements Being Claimed**

File # EB- <u>2013-0109</u>	Process: <u>Union Gas Limited - 2012 Earnings Sharing</u>
Party: <u>APPrO, the Association of Power Producers</u>	Name: <u>John Beauchamp</u>
Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal: <input checked="" type="checkbox"/>	6 (2008)
Consultant: <input type="checkbox"/>	
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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
<b>TOTAL DISBURSEMENTS:</b>		\$0.00	\$0.00

**INVOICE**

Invoice Number: 1279522  
Date: July 11, 2013  
Client: ASSOCIATION OF POWER  
PRODUCERS OF ONTARIO  
(APPRO)  
RE: Union Gas Limited - 2012  
Earnings Sharing (EB-2013-0109)  
Matter No: 01015413-0036

Barristers & Solicitors / Patent & Trade-mark Agents  
Norton Rose Fulbright Canada LLP  
Royal Bank Plaza, South Tower, Suite 3800  
200 Bay Street, P.O. Box 84  
Toronto, Ontario M5J 2Z4 CANADA  
T : +1 416.216.4000  
F : +1 416.216.3930  
toronto@nortonrosefulbright.com  
nortonrosefulbright.com

ASSOCIATION OF POWER PRODUCERS OF ONTARIO (APPRO)  
Suite 1602  
25 Adelaide Street East  
Toronto, Ontario M5C 3A1

GST: R111340006

Attention: David Butters  
President

For professional services rendered and disbursements incurred for the period ending June 30, 2013.

FEES	880.00
DISBURSEMENTS (Taxable)	0.00
DISBURSEMENTS (Non Taxable)	0.00
NET	880.00
HST	114.40
<b>TOTAL FOR THIS INVOICE IN CANADIAN DOLLARS</b>	<b>\$994.40</b>

Please note that interest at the rate of 1.3% per annum may be charged on any invoice that is not paid in full within 30 days from the date on which it was issued.

Payable upon receipt

Banking information for wire transfer  
RBC Financial Group, Main Branch, Royal Bank Plaza  
Toronto, Ontario, CANADA  
Bank 003, Transit 00002, Acc. No. 106-030-0  
Swift Code # ROYCCAT2  
Include invoice number on transfer order

ASSOCIATION OF POWER PRODUCERS  
OF ONTARIO (APPRO)

01015413-0036

**RE: Union Gas Limited - 2012 Earnings Sharing (EB-2013-0109)**

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	Hours	Rate	Amount
J. Beauchamp	2.00	440.00	880.00
<b>TOTAL</b>	<b>2.00</b>		<b>CAD \$880.00</b>

**FEE DETAIL**

Date	Timekeeper	Description	Hours
17/6/13	John Beauchamp	Corresponding with D. Butters and J. Wolnik to discuss proceeding. Drafting and filing Notice of Intervention for same.	2.00
		<b>TOTAL FEES</b>	<b>CAD \$880.00</b>

**INVOICE**

Invoice Number: 1302473  
Date: September 20, 2013  
Client: ASSOCIATION OF POWER  
PRODUCERS OF ONTARIO  
(APPRO)  
RE: Union Gas Limited - 2012  
Earnings Sharing (EB-2013-0109)  
Matter No: 01015413-0036

Barristers & Solicitors / Patent & Trade-mark Agents  
Norton Rose Fulbright Canada LLP  
Royal Bank Plaza, South Tower, Suite 3800  
200 Bay Street, P.O. Box 84  
Toronto, Ontario M5J 2Z4 CANADA  
T : +1 416.216.4000  
F : +1 416.216.3930  
toronto@nortonrosefulbright.com  
nortonrosefulbright.com

ASSOCIATION OF POWER PRODUCERS OF ONTARIO (APPRO)  
Suite 1602  
25 Adelaide Street East  
Toronto, Ontario M5C 3A1

GST: R111340006

Attention: David Butters  
President

For professional services rendered and disbursements incurred for the period ending August 31, 2013.

FEES		1,100.00
DISBURSEMENTS (Taxable)		0.00
DISBURSEMENTS (Non Taxable)		0.00
	NET	1,100.00
HST		143.00
TOTAL FOR THIS INVOICE IN CANADIAN DOLLARS		<b>\$1,243.00</b>

Please note that interest at the rate of 1.3% per annum may be charged on any invoice that is not paid in full within 30 days from the date on which it was issued.

Payable upon receipt

Banking information for wire transfer  
RBC Financial Group, Main Branch, Royal Bank Plaza  
Toronto, Ontario, CANADA  
Bank 003, Transit 00002, Acc. No. 106-030-0  
Swift Code # ROYCCAT2  
Include invoice number on transfer order

ASSOCIATION OF POWER PRODUCERS  
OF ONTARIO (APPRO)

01015413-0036

**RE: Union Gas Limited - 2012 Earnings Sharing (EB-2013-0109)**

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	Hours	Rate	Amount
J. Beauchamp	2.50	440.00	1,100.00
<b>TOTAL</b>	<b>2.50</b>		<b>CAD \$1,100.00</b>

**FEE DETAIL**

Date	Timekeeper	Description	Hours
8/7/13	John Beauchamp	Reviewing interrogatories. Corresponding with J. Wolnik regarding same.	1.00
10/7/13	John Beauchamp	Reviewing and filing interrogatories on behalf of Association of Power Producers of Ontario with Ontario Energy Board.	1.50
		<b>TOTAL FEES</b>	<b>CAD \$1,100.00</b>

**INVOICE**

Invoice Number: 1333413  
 Date: December 19, 2013  
 Client: ASSOCIATION OF POWER PRODUCERS OF ONTARIO (APPRO)  
 RE: Union Gas Limited - 2012 Earnings Sharing (EB-2013-0109)  
 Matter No: 01015413-0036

Barristers & Solicitors / Patent & Trade-mark Agents  
 Norton Rose Fulbright Canada LLP  
 Royal Bank Plaza, South Tower, Suite 3800  
 200 Bay Street, P.O. Box 84  
 Toronto, Ontario M5J 2Z4 CANADA  
 T : +1 416.216.4000  
 F : +1 416.216.3930  
 toronto@nortonrosefulbright.com  
 nortonrosefulbright.com

ASSOCIATION OF POWER PRODUCERS OF ONTARIO (APPRO)  
 Suite 1602  
 25 Adelaide Street East  
 Toronto, Ontario M5C 3A1

GST: R111340006

Attention: David Butters  
 President

For professional services rendered and disbursements incurred for the period ending November 30, 2013.		
FEES		2,992.00
DISBURSEMENTS (Taxable)		0.00
DISBURSEMENTS (Non Taxable)		0.00
	NET	2,992.00
HST		388.96
<b>TOTAL FOR THIS INVOICE IN CANADIAN DOLLARS</b>		<b>\$3,380.96</b>

Please note that interest at the rate of 1.3% per annum may be charged on any invoice that is not paid in full within 30 days from the date on which it was issued.

Payable upon receipt

**Banking information for wire transfer**  
 RBC Financial Group, Main Branch, Royal Bank Plaza  
 Toronto, Ontario, CANADA  
 Bank 003, Transit 00002, Acc. No. 106-030-0  
 Swift Code # ROYCCAT2  
**Include invoice number on transfer order**

ASSOCIATION OF POWER PRODUCERS  
OF ONTARIO (APPRO)

01015413-0036

**RE: Union Gas Limited - 2012 Earnings Sharing (EB-2013-0109)**

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	Hours	Rate	Amount
J. Beauchamp	6.80	440.00	2,992.00
<b>TOTAL</b>	<b>6.80</b>		<b>CAD \$2,992.00</b>

**FEE DETAIL**

Date	Timekeeper	Description	Hours
25/11/13	John Beauchamp	Reviewing and revising draft submissions for proceeding. Corresponding with E. DeMarco, D. Butters and J. Wolnik regarding same. Reviewing correspondence from other intervenors and corresponding with client regarding same.	3.00
26/11/13	John Beauchamp	Reviewing and revising APPRO's final submissions in proceeding. Corresponding with D. Butters and J. Wolnik regarding same. Filing same with Ontario Energy Board.	3.80
<b>TOTAL FEES</b>			<b>CAD \$2,992.00</b>

Ontario Energy Board  
COST CLAIM FOR HEARINGS



Affidavit and Summary of Fees and Disbursements

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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: 330.00 Country: Canada
- 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- 2013-0109 Process: Union Gas Limited - 2012 Earnings Sharing  
Party: APPRO, the Association of Power Producer Affiant's Name: John Wolnik  
HST Number: 1259 8802 RT0001 HST Rate Ontario: 13.00%  
Full Registrant  Qualifying Non-Profit   
Unregistered  Tax Exempt   
Other

Affidavit

I, Elisabeth (Lisa) DeMarco, of the City/Town of Toronto  
in the Province/State of Ontario, 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 May 15, 2014 (date)

Lauren Heuser

**Ontario Energy Board**  
**COST CLAIM FOR HEARINGS**



**Affidavit and Summary of Fees and Disbursements**

**Commissioner for taking Affidavits**

**File # EB-** 2013-0109 **Process:** Union Gas Limited - 2012 Earnings Sharing

**Party:** APPrO, the Association of Power Producer

**Summary of Fees and Disbursements Being Claimed**

Legal/consultant fees	\$13,860.00
Disbursements	\$150.00
HST	\$1,821.30
<b>Total Cost Claim</b>	<b>\$15,831.30</b>

**Ontario Energy Board  
COST CLAIM FOR HEARINGS**



**Detail of Fees and Disbursements Being Claimed**

File # EB- <u>2013-0109</u>	Process: <u>Union Gas Limited - 2012 Earnings Sharing</u>
Party: <u>APPrO, the Association of Power Producers</u>	Name: <u>John Wolnik</u>
Completed Years Practising/Years of relevant experience	
Counsel/Articling Student/Paralegal: <input type="checkbox"/>	_____
Consultant: <input checked="" type="checkbox"/>	30+ _____
CV attached: <input checked="" type="checkbox"/>	CV not required: <input type="checkbox"/>

**Statement of Fees Being Claimed**

	Hours	Hourly rate	Subtotal	HST	Total
Preparation	30.00	\$330.00	\$9,900.00	\$1,287.00	\$11,187.00
Attendance - Technical Conference			\$0.00	\$0.00	\$0.00
Attendance - Settlement Conference	5.50	\$330.00	\$1,815.00	\$235.95	\$2,050.95
Attendance - Oral Hearing	6.50	\$330.00	\$2,145.00	\$278.85	\$2,423.85
Argument			\$0.00	\$0.00	\$0.00
Case Management		\$170.00	\$0.00	\$0.00	\$0.00
<b>TOTAL LEGAL/CONSULTANT FEES</b>			\$13,860.00	\$1,801.80	<b>\$15,661.80</b>

**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	\$150.00	\$19.50	\$169.50
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
<b>TOTAL DISBURSEMENTS:</b>	\$150.00	\$19.50	<b>\$169.50</b>

# JOHN WOLNIK



34 King Street East, Suite 600 | Toronto, ON M5C 2X8 | 519 474 0844 | jwolnik@elenchus.ca

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## ASSOCIATE, NATURAL GAS

John Wolnik is an Associate of Elenchus Research Associates Inc., and President of GSA Energy Company. He has 40 years of experience in many sectors of the natural gas and power industries working both as an independent consultant and in senior management roles for Union Gas and Westcoast Energy.

As a consultant, he has provided services for a number of companies in the areas of:

- Regulatory support for utility rate, facility and other regulatory applications before provincial and federal regulators
- Project development support for natural gas pipelines
- Development of procurement strategies for new customers requiring natural gas, distribution, transmission and storage services
- Commercial and regulatory advice on natural gas supply, transmission, storage and distribution related matters.

As Director of Business Development for Westcoast Energy with responsibility for underground gas storage and gas pipeline project evaluation and development, he acted as project manager on numerous pipeline and underground gas storage projects. John has business development experience in Canada and the US as well as international experience. Responsible for acquiring all of the Union Gas' system gas supply, John developed a strong foundation of knowledge in gas supply and transportation matters within Canada and the US. He was also instrumental in restructuring Union Gas' supply portfolio and transitioning to the market based environment upon deregulation of the industry. He is experienced in utility field operations, and engineering.

John has a Master's Degree in Business Administration and a degree in Civil Engineering both from McMaster University in Hamilton.

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## PROFESSIONAL OVERVIEW

### Consulting Focus

Natural gas regulatory and commercial matters in transmission and distribution sectors of all the natural gas industry including pipeline and storage assessment and development

## Consulting

2004 - Present

Examples of recent assignments include:

- Actively participated for the client since 2006, in most major Ontario LDC natural gas rate, facility, and other applications in front of the Provincial regulator, including assessing customer impact, developing case strategy, cross examination and final argument
- Provided technical support for client to assess the impact and alternative rate strategies for TCPL rate case applications in front of the National Energy Board
- Effectively participated, including leading and supporting evidence in a variety of Ontario Energy Board sponsored initiatives on behalf of customers including:
  - Storage & Transportation Access Rule
  - Service Process Improvements
  - Storage Allocation Proceeding
  - Natural Gas Electricity Interface Review
  - Natural Gas Forum
- Provided support for several large volume customers to confirm the utility proposed pipeline sizing and development plan as well as assessed the potential for capital cost overrun risk
- Provided supported for a large volume industrial customer to negotiate commercial agreements with the natural gas utility to develop a new 60 km pipeline required to serve the customer with gas service. This included technical review of the proposed pipelines and the proposed cost estimate, as well support for the regulatory strategy and assistance to audit the costs after construction was complete
- Developed a direct purchase seminar for an LDC that was transitioning to an open market
- Actively participated in TransCanada Tolls Task force to evaluate rate and service proposals
- Advised gas fired generators on development and operating strategies including load balancing requirements
- Acted as an expert witness for litigation support
- Developed a commercial value for the acquisition of over 200 bcf of underground natural gas storage in Western Canada and the United States
- Assessed the expansion criteria for pipelines nearing capacity
- Assessed commercial feasibility of new underground storage projects
- Developed natural gas supply, transportation and storage strategies, and risk analysis for new gas fired generators and industrial customers

- Provided site evaluation and permitting support for new generators
- Provided marketing and strategic support for new pipeline and underground storage development
- Evaluated markets and strategic value of storage for European client
- Provided support for landfill gas company to sell and transport processed landfill gas into Canadian marketplace

**Union Gas**

**2003**

- Functioned as marketing lead on a team to dispose of specific major capital assets
- Provided strategic regulatory support in the area of upstream transportation issues
- Provided marketing support for development of new products and services

**Westcoast Energy**

**1999 - 2002**

**Director, Business Development**

- Project Managed Westcoast's involvement in the development and construction of two major natural gas pipeline projects. Specific responsibilities included:
  - Project origination and commercial feasibility
  - Negotiation of all ownership and major development agreements
  - Company representative on partnership management committees
  - Responsible for the leadership of a team for the evaluation of a \$175 million new pipeline project, including engineering design, marketing, regulatory approvals land acquisition, and environmental considerations
- Assessed commercial and technical feasibility to develop underground compressed air energy storage
- Functioned as the commercial and technical lead on feasibility analysis of two new underground natural gas storage opportunities in Canada. Each project had an expected development cost of CDN \$100-150 million.
- Led a technical and commercial team to identify feasibility of a storage opportunity in North Western Europe.
- Facilitated stakeholder and First Nations consultations

**St. Clair Pipelines (Westcoast)**

**1993 - 1998**

**Manager, Storage Business Development**

- Identified and managed the evaluation of potential storage projects in Michigan and New York States as well as other storage projects that supported Westcoast initiatives including projects in the Pacific Northwest area of the US, Alberta and the East Coast of Canada.

- Leadership of a multi-disciplinary team consisting of internal personnel and outside consultants to competitively bid and subsequently evaluate the conversion of four gas fields to underground storage in Australia. This included a full technical and commercial review, and development recommendations. These fields were developed and are currently in operation today based on the work completed.
- Managed the company's interests in a New York State based storage project and also recommended that the company exit the project when the development risks exceeded the corporate risk appetite.

**Union Gas**

**1991 - 1993**

**Manager, Storage Business Developments**

- Led a team in evaluating commercial and technical aspects of new storage opportunities in Michigan and New York States, including developing "go/no-go" criteria, ownership structures and potential partners.

**Union Gas**

**1987 - 1991**

**Manager, Gas Purchasing**

- Negotiated new and re-negotiated pricing and volume terms in existing gas supply and transportation contracts for up to 250 bcf annually (annual value over \$500 million), resulting in reduced gas supply costs each year and defended the results before the Ontario Energy Board.
- Managed a commercial arbitration with one supplier resulting in a cost reduction of approximately \$6 million annually.
- Instituted a new program to acquire competitive alternate supplies in an era when this had not been accomplished before.

**Union Gas**

**1984 - 1987**

**Manager, Engineering Project Analysis**

- Project managed Union's interest in a large growth phase for expansion of storage and transportation activities
- Identified the potential, and managed the opening of a mothballed interconnect with a US pipeline. This resulted in significant new competitive opportunities and continued savings of gas supply costs.
- Developed the first Ontario based deregulated gas sales into the US.

**Union Gas**

**1976 - 1984**

**Operation Management Roles Manager**

- Held various management positions in Chatham, Hamilton and Halton Divisions
- Managed operating group of approximately 75 employees, including unionized staff.
- Managed pipeline, engineering and construction program.
- Successfully managed a new operating division for the company in Halton to create regionalized customer service and plant maintenance functions.

**Union Gas**

**1974 - 1976**

**Engineering Roles**

- Various design responsibilities

**ACADEMIC ACHIEVEMENTS**

May 1984	Masters of Business Administration, McMaster University, Hamilton
May 1974	Bachelor of Engineering (Civil), McMaster University, Hamilton



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

# Invoice

Date	Invoice #
26/08/2013	2013284

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

P.O. No.	Terms
	Net 30

Project					
EB-2013-0109 Union 2014 ESM					
Date	Item	Description	Hours	Rate	Amount
28/07/2013	Preparation	Analysis	3.5	330.00	1,155.00
30/07/2013	Preparation	Analysis	3	330.00	990.00
31/07/2013	Preparation	Analysis	1	330.00	330.00
01/08/2013	Settlement Conference	Attend settlement conference	5	330.00	1,650.00
01/08/2013	Preparation	Follow up on settlement conference	0.5	330.00	165.00
		Subtotal			4,290.00
20/08/2013		Train tickets Aug 1, 2013	1	197.30	197.30
		HST on Sales		13.00%	557.70
				<b>Subtotal</b>	\$4,487.30
Billing Inquiries Rachel Chua 416-348-9917 x30 rchua@elenchus.ca				<b>HST#861367431</b>	\$557.70
				<b>Total</b>	\$5,045.00



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

# Invoice

Date	Invoice #
31/10/2013	2013377

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

P.O. No.	Terms
	Net 30

**Project**

EB-2013-0109 Union 2014 ESM

Date	Item	Description	Hours	Rate	Amount
16/10/2013	Preparation	Prep for hearing	2.75	330.00	907.50
22/10/2013	Preparation	Listen to oral hearing	3	330.00	990.00
23/10/2013	Preparation	Listen to oral hearing	1	330.00	330.00
24/10/2013	Preparation	Listen to oral hearing	2.5	330.00	825.00
		Subtotal			3,052.50
		HST on Sales		13.00%	396.83

<b>Subtotal</b>					\$3,052.50
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<b>HST#861367431</b>					\$396.83
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<b>Total</b>					\$3,449.33
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Billing Inquiries  
 Rachel Chua  
 416-348-9917 x30  
 rchua@elenchus.ca



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

# Invoice

Date	Invoice #
30/11/2013	2013420

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

P.O. No.	Terms
	Net 30

**Project**

EB-2013-0109 Union 2012 ESM

Date	Item	Description	Hours	Rate	Amount
18/11/2013	Argument	Prepare Argument	3.25	330.00	1,072.50
25/11/2013	Argument	prepare argument	0.75	330.00	247.50
26/11/2013	Argument	prepare argument	1.5	330.00	495.00
		HST on Sales		13.00%	235.95

				<b>Subtotal</b>	\$1,815.00
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Billing Inquiries  
 Rachel Chua  
 416-348-9917 x30  
 rchua@elenchus.ca

<b>HST#861367431</b>	\$235.95
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<b>Total</b>	\$2,050.95
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34 King St East  
 6th Floor  
 Toronto, Ontario  
 M5C 2X8

# Invoice

Date	Invoice #
26/07/2013	2013248

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

P.O. No.	Terms
	Net 30

Project					
EB-2013-0109 Union 2014 ESM					
Date	Item	Description	Hours	Rate	Amount
02/07/2013	Preparation	Review application	5.5	330.00	1,815.00
04/07/2013	Preparation	Review application	1.75	330.00	577.50
06/07/2013	Preparation	Review application	3	330.00	990.00
07/07/2013	Preparation	Review application and prepare ltr	2.5	330.00	825.00
24/07/2013	Preparation	Review IR responses	0.5	330.00	165.00
		Subtotal			4,372.50
		HST on Sales		13.00%	568.43
				<b>Subtotal</b>	\$4,372.50
Billing Inquiries Rachel Chua 416-348-9917 x30 rchua@elenchus.ca				<b>HST#861367431</b>	\$568.43
				<b>Total</b>	\$4,940.93

Via Rail to Toronto

<b><u>LONDON - TORONTO</u></b> , Thursday Aug 1, 2013		<a href="#">&gt; Modify this trip</a>
Departs: <b>06:25 AM</b>	Arrives: <b>08:35 AM</b>	Train : <b>82</b>
Class: <b>Business</b>		
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<b><u>TORONTO - LONDON</u></b> , Friday Aug 2, 2013		<a href="#">&gt; Modify this trip</a>
Departs: <b>16:35 PM</b>	Arrives: <b>18:47 PM</b>	Train : <b>83</b>
Class: <b>Business Plus</b>		
 <b>FARE SUMMARY</b>		
John Wolnik (Adult)		\$197.30
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Fare: \$174.60	G.S.T./H.S.T.: \$22.70	P.S.T.: \$0.00
<b>TOTAL CAD\$: \$197.30</b>		

Regular Fare Equivalent

<b><u>LONDON - TORONTO</u></b> , Thursday Aug 1, 2013		<a href="#">&gt; Modify this trip</a>
Departs: <b>06:25 AM</b>	Arrives: <b>08:35 AM</b>	Train : <b>82</b>
Class: <b>Economy Plus</b>		
-----		
<b><u>TORONTO - LONDON</u></b> , Friday Aug 2, 2013		<a href="#">&gt; Modify this trip</a>
Departs: <b>16:35 PM</b>	Arrives: <b>18:47 PM</b>	Train : <b>83</b>
Class: <b>Economy Plus</b>		
 <b>FARE DETAILS</b>		
Passenger 1 (Adult)		\$169.50
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Fare: \$150.00	G.S.T./H.S.T.: \$19.50	P.S.T.: \$0.00
<b>TOTAL CAD\$: \$169.50</b>		

