#2 Miles Canyon Road
Box 5920, Whitehorse
Yukon Y1A 6S7
yukonenergy.ca

December 23, 2019

Mr. Robert Laking, Chair
Yukon Utilities Board
Box 31728
Whitehorse, YT Y1A 6L3

Dear Mr. Laking:

Re: Application for Costs of Yukon Energy Corporation ("YEC") for the 2017/18 General Rate Application Second Compliance Filing Review ("2017/18 GRA Second Compliance Filing")

Yukon Energy is seeking approval of costs incurred in relation to the above noted 2017/18 GRA Second Compliance Filing Proceeding.

The total claimed amount included in Form 1 of Attachment A is $52,917.17, including $3,675 for legal fees; $48,617.17 for consultant fees and disbursements; and $625 for Yukon Energy disbursements.

All costs as applied for are reasonable and necessarily incurred in order to support the above noted review process. Further detail and justification for professional costs (legal and consulting), as well as disbursements, is provided in the sections that follow and in the supporting attachments to this correspondence.

The amounts awarded related to this Application will be included in the Hearing Cost Reserve Account and will be addressed at the next General Rate Application.

A. Summary of Supporting Materials included with this Correspondence

Attached to this correspondence are Yukon Energy's filing and supporting information for costs related to the 2017/18 GRA Second Compliance Filing proceeding (**Attachment A and B**).

Attachment A provides a summary of the claimed costs prepared based on the Yukon Utilities Board's ("YUB", "Board") Scale of Costs, including:

- An Affidavit of Fees and Disbursements (**Form 4**);
- A Summary of Total Costs Claimed (**Form 1**);
- A Summary of Professional Fees Claimed (**Form 2**); and
- A Summary of Disbursements Claimed (**Form 3**).

The attached material also includes relevant supporting documentation for the above-noted costs incurred, including summary tables, invoices, receipts and timesheets (**Attachment B**), and documentation to support the professional experience of key consultants retained by YEC to provide assistance in this matter (**Attachment C**).

B. Context for the 2017/18 GRA Second Compliance Filing Proceeding

On September 25, 2019 the Board issued Order 2019-06 establishing a schedule for review YEC's 2017/18 GRA Second Compliance Filing, including requirement for a technical session, information requests to YEC, intervenor argument and YEC's reply argument. The YUB in its October 4, 2019 Memorandum noted that "[w]ith respect to YEC's second compliance filing to its 2017-18 GRA currently before the Board, the Board will accept cost applications for this proceeding."

Generally, applicants have a separate and distinct role from intervenors in the public review process and separate types of activities, requirements and costs must be incurred by Applicants that are not incurred by intervenors, specifically:

- Applicant costs are effectively incurred as a necessary part of its business or operations as a regulated utility;
- Applicants begin to incur costs related to their application prior to a formal process with the YUB commencing, i.e., costs to prepare and file an Application;
- Applicants that require a review or approval by the YUB must engage in the formal review process and cannot realistically limit their level of participation in the process, i.e., applicants must address all issues and questions raised by intervenors and the Board as they arise;
- An applicant must participate actively in the process and typically cannot reasonably coordinate with others to increase efficiency or reduce duplication.

C. Justification of Applicant Costs

The 2017/18 GRA Second Compliance Filing Proceeding is a follow up of YEC's 2017/18 GRA process, therefore, Yukon Energy has followed the practice established during past YUB review processes and showed all costs related to 2017/18 GRA Second Compliance Filing under "Argument, Reply and Follow-up".

This includes work related to preparation for and participation in the workshop on October 8, 2019; preparation of responses to information requests filed on October 21, 2019, as well as any related follow-up that occurred (e.g., response to motions for further disclosure); review of written arguments from intervenors, and preparation of written reply (filed on November 5, 2019).

The hours and fees included in the cost claims reflect hours and fees between September 25, 2019 [YUB Order 2019-06 issue date] and November 5, 2019 [Reply Argument].

Summary tables of costs incurred are provided as **Attachment A** and **Attachment B** to this filing.

1. Summary of Legal Fees

As in past hearings and regulatory processes, Yukon Energy retained DLA Piper as legal counsel, with P. John Landry providing the legal services required. A copy of the confirmation of retainer for the 2017/18 GRA process is provided in **Attachment C** to this letter.

Mr. Landry provided the following relevant assistance to Yukon Energy in relation to the preparation, filing and review of the Application:

- Providing legal advice during review process;
- Review of correspondence and any other materials filed in relation to the review process;
- Review of information requests by intervenors and of Yukon Energy's responses to information requests;
- Assistance with preparation and review of written reply; and
- Providing legal advice as required during the proceeding.

Pursuant to the Scale of Costs and prior Board direction[1], professional fees for legal services included in the Yukon Energy cost award application do not exceed the established $350/hour limit. The summary of professional fees for DLA Piper is as follows:

Table 1: DLA Piper Legal Fees Claimed

	Hours	Total fees allowed by Scale of Costs ($Can)
DLA Piper Fee Total	10.50	$3,675.00

[1] Order 2012-09 on costs noted costs for legal counsel used by the Applicant should be subject to maximum fees based on the number of years of experience pursuant to the Scale of Costs (i.e., $350/hour for individual with more than 12 years at the bar). Mr. Landry has over 20 years of relevant experience.

2. Summary of Consultant Fees

Yukon Energy retained InterGroup Consultants Ltd. as primary regulatory consultants to assist with the review process before the Board. A copy of the confirmation of retainer for the 2017/18 GRA process and supporting information is provided in **Attachment C** to this letter.

InterGroup helped to prepare for and attended the October 8, 2019 technical session, and was also involved in drafting, coordination, review and finalization of interrogatory responses, and reply argument. This included the following specific activities:

- **Attendance at October 8, 2019 technical session** – Assistance with preparation and participation in technical session, and any other support as required.
- **Active participation in the review process before the YUB** – Assistance with the preparation of interrogatory responses, including coordination with YEC and legal counsel, as well as professional services for production of any documents, and overall process management and progress tracking during each IR preparation period.
- **Reply Argument** - Assistance with drafting, review and finalization of written Reply Argument.

InterGroup costs for the above-noted services primarily cover the participation of Cam Osler (Principal and Consultant with over 40 years of experience), Mona Pollitt-Smith (Principal and Consultant with over 13 years of experience), and Hamid Najmidinov (Consultant with over 10 years of experience).

Costs also include services provided by Jolene Gordon (Production Coordinator with over 13 years of experience) and other staff related to document review, production and process tracking.

InterGroup's firm hourly rates are set separately for all staff members, and rates for Principals or Consultants do not include costs for clerical, administrative or research staff support as directly provided for any assignment. Firm hourly rates do not vary when overtime is required. All InterGroup regulatory consulting staff billing rates are below the established $/hour limit based on each individual's years of working experience and consequently no hourly rate adjustment is necessary.

For the purposes of this cost claim filing Yukon Energy has not claimed cost recovery for costs deemed purely administrative in nature (i.e., allocated as secretarial/clerical or related to invoicing and other purely administrative services). However, production services are specific professional services provided to Yukon Energy in relation to major filings and have been separated out from

pure administration costs and are included in this cost claim. Professional services for document production are not included in consultant fees[2].

Document production services are fundamental to the efficient and effective conduct of a hearing process and assist understanding of matters in the proceeding by ensuring a coherent, final document is produced and available to the Board and other parties in the proceeding. Specifically, for IRs, each separate question must be entered into templates by production staff and each response must be tracked, compiled (particularly subparts), formatted, pdf'd, consolidated into one document, produced in appropriate formats and distributed.

The summary of professional fees by activity stages for InterGroup is as follows:

Table 2: InterGroup Consulting Fees Claimed

	Hours	Total fees allowed by Scale of Costs ($Can)
InterGroup Fee Total	247.00	$46,522.50

3. Summary of Disbursements

Total disbursements claimed are $2,719.67. The details of the disbursements are provided in Form 3 in **Attachment A**. Cost information on disbursements is provided based on past practice with regard to YEC cost filings.

Table 3: Summary of Disbursements

	DLA Piper	InterGroup	YEC	Total
Travel		$1,813.5	$0.0	$1,813.5
Meals & Incidentals		$91.6	$0.0	$91.6
Telephone and Fax		$111.6	$0.0	$111.6
Photocopying and Printing		$78.0	$0.0	$78.0
Advertising				$0.0
Misc. Supplies and Services			$625.0	$625.0
Total	**$0.0**	**$2,094.7**	**$625.0**	**$2,719.7**

Note: Misc. Supplies and Services for YEC reflect payments to Kwanlin Dun Cultural Society [space and meals for workshop].

[2] This includes production work related to formatting, review and production of filing documents.

Photocopying and printing costs internal to YEC's legal counsel and consultants are reasonable and necessarily incurred as they relate to the preparation (drafting, review and finalization) of the required filings.

Travel costs were incurred for attendance of YEC's regulatory consultants to support the technical session held in Whitehorse on October 8, 2019.

Yukon Energy's cost application for travel costs is based on cost awards filings provided to the Board and principles and precedents established by past Board Orders[3]. Airfare was at economy rates, where available, however, for the most part airfare was booked using flight passes.

Further detailed supporting information, including invoices, timesheets and receipts is provided in **Attachment B** to this filing.

Please direct any questions on this communication to the undersigned.

Yours truly,



Ed Mollard
Chief Financial Officer

[3] The Reasons for Decision on Order 2008-1 provide that while "the scale of costs do not expressly provide for travel costs in relation to preparation of an application by a utility", such costs are ultimately at the discretion of the Board. In that Order, the Board allowed travel costs in relation to the preparation of an application since, "the Board was satisfied that YEC had not made provision for these costs in its revenue requirement". The Board held that "pre-application travel costs are incremental to YEC's current revenue requirement and, having been prudently incurred by YEC, in the Board's view ought to be recoverable by YEC form customer through its HRA."

ATTACHMENT A

Yukon Utilities Board

Affidavit of Fees and Disbursements
Form 4

Affidavit of fees and disbursements claimed in the matter of a claim for costs made by
Yukon Energy Corporation (YEC) **for participation in a proceeding before the**

Yukon Utilities Board with respect to the following Application: 2017/18 GRA Second Compliance Filing

I, Ed Mollard, of the (city/town) of Whitehorse and the Territory/Province of Yukon,

MAKE OATH (OR AFFIRM) AND SAY THAT:

1) I am the CFO of the cost claimant YEC (the "Claimant") and as such have personal knowledge of the matters hereinafter deposed to, except where stated to be based on information and belief, and where so stated, I do verily believe to be true.

2) The Claimant was an (applicant/intervener) in a proceeding (the "Proceeding") before the Board with respect to the above application(s).

3) The Claimant incurred fees and disbursements (exclusive of GST) in the amount of $ 52,917.17 as a result of its participation in the Proceeding. Additionally, the Claimant incurred GST on the above fees and disbursements in the amount of $ 0.

4) I have personally reviewed the accounts of the Claimant's [lawyer(s), consultant(s), witness(s)], including the supporting documentation as required by the *Scale of Costs*, and confirm that these accounts represent work performed at the specific request of the Claimant.

5) I have personally reviewed all receipts, invoices, or accounts for transcripts, airfare, or accommodation and confirm that they represent disbursements incurred at the specific request of the Claimant.

6) I confirm that the fees and disbursements claimed on behalf of the Claimant's lawyer(s), expert(s), or consultant(s) are reasonable and in accordance with the *Scale of Costs*.

7) (If necessary) The fees claimed on behalf of N/A are in excess of the *Scale of Costs*. However, I believe that the Claimant should be entitled to recover such costs because: _____

_____

8) To the best of my knowledge and belief, the fees and disbursements claimed by the Claimant represent fees and disbursements incurred necessarily and reasonably for the purpose of the Proceeding.

9) (If necessary) The Claimant is entitled to a rebate in connection with the Federal Goods and Services Tax to the extent of _____%. The Claimant's GST number is _____.

SWORN (OR AFFIRMED) before me at the (City/Town, etc.) of Whitehorse, in the Province/Territory of Yukon on (date) 20 December 2019

Notary Public or Commissioner of Oaths

Megan Yakiwchuk
Notary Public in and for the Yukon.
Exp. May 23, 2024

Signature of Affiant

Yukon Utilities Board

2017/18 GRA Second Compliance Filing

Summary of total costs claimed

Form 1 Page 1 of 1

Date: December 23, 2019

Firm/Company Name	Total Fees	Total Disbursements	Total Fees & Disbursements
DLA Piper	$3,675.00	$0.00	$3,675.00
InterGroup Consultants	$46,522.50	$2,094.67	$48,617.17
YEC Misc Supplies & Services		$625.00	$625.00
TOTAL COSTS CLAIMED	$50,197.50	$2,719.67	$52,917.17

Claimant YUKON ENERGY CORPORATION

Agent/Representative Ed Mollard, CFO

Address PO Box 5920, Whitehorse, YT Y1A 6S7

Phone 393-5338 **Fax** 393-5323

E-mail ed.mollard@yec.yk.ca

Applicant(s)

Application(s) No.

Hearing

YUKON UTILITIES BOARD

Summary of professional fees claimed

PROFESSIONAL FEES

2017/18 GRA Second Compliance Filing

CONSULTING FEES

Date: December 23, 2019

			PROFESSIONAL FEES							
	Years of Experience	Hourly Wage	Preparation		Attendance		Argument, Reply & Follow-up		Total Fees	
			Hours	Fees	Hours	Fees	Hours	Fees	Hours	Fees
InterGroup Consultants										
C. Osler	>20	$240.00					108.75	$26,100.00	108.75	$26,100.00
M. Pollitt-Smith	>13	$172.00/$175.00					78.50	$13,726.25	78.50	$13,726.25
H. Najmidinov	>10	$114.00/$125.00					49.75	$6,191.25	49.75	$6,191.25
J. Gordon	>13	$85.00					2.50	$212.50	2.50	$212.50
Admin/Clerical - Production	<1	$45.00					6.50	$292.50	6.50	$292.50
Total InterGroup Consultants			-	$0.00	-	$0.00	246.00	$46,522.50	246.00	$46,522.50

LEGAL FEES

			PROFESSIONAL FEES							
	Years of Experience	Hourly Wage	Preparation		Attendance		Argument, Reply & Follow-up		Total Fees	
			Hours	Fees	Hours	Fees	Hours	Fees	Hours	Fees
DLA Piper										
P.J. Landry	>20	$350.00					10.50	3,675.00	10.50	$3,675.00
DLA Piper			-	$0.00	-	$0.00	10.50	$3,675.00	10.50	$3,675.00

Claimant YUKON ENERGY CORPORATION

Hearing

Applicant(s)

Application(s) No.

Note:

1. Argument, Reply & Follow-up column reflect hours and fees for 2017/18 GRA Second Compliance Filing Review process, including preparation and participation in workshop, providing responses to Information Requests, filing YEC's reply argument.

2. Hourly wages for InterGroup reflect rate change effective October 1, 2019[please see Table B-2 for breakdown of hours claimed by month]. Hourly wages for DLA Piper reflect maximum allowable rate as per Scale of Costs.

YUKON UTILITIES BOARD

Summary of disbursements claimed

Form 3 - Page 1 of 1

PROFESSIONAL FEES

Date: December 23, 2019

2017/18 GRA Second Compliance Filing

Disbursements Claimed (exclusive of GST)	DLA Piper	InterGroup Consultants	YEC Supplies & Services	Total Disbursements
Airfare		$1,116.12		$1,116.12
Accommodation		$697.42		$697.42
Meals & incidentals		$91.57		$91.57
Mileage				$0.00
Taxi				$0.00
Parking				$0.00
Car Rental				$0.00
Transcripts				$0.00
Postage				$0.00
Courier/delivery				$0.00
Telephone/long distance/fax		$111.61		$111.61
Internal photocopying		$77.95		$77.95
External printing				$0.00
Advertising workshops & hearings				$0.00
Misc. Supplies & Services		$0.00		$0.00
Other			$625.00	$625.00
TOTAL DISBURSEMENTS	$0.00	$2,094.67	$625.00	**$2,719.67**

Note: Other Disbursements for YEC reflect payments to Kwanlin Dun Cultural Society [space and meals for workshop].

Claimant YUKON ENERGY CORPORATION

Hearing

ATTACHMENT B

DLA Piper

Table B-1: Summary of DLA Piper Fees and Disbursement by Month

Month	Individual/Expense	Hours	Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
September 2019	J. Landry	2.50	1,318.28	875.00	443.28
	Subtotal	*2.50*	*1,318.28*	*875.00*	*443.28*
October 2019	J. Landry	8.00	4,400.00	2,800.00	1,600.00
	Subtotal	*8.00*	*4,400.00*	*2,800.00*	*1,600.00*

	Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
Total	**10.50**	**5,718.28**	**3,675.00**	**2,043.28**
Total Claimed	*10.50*		*3,675.00*	
Total Not Claimed	*-*			*2,043.28*
Professional		5,718.28	3,675.00	2,043.28
Travel		-	-	-
Meals & Incidentals		-	-	-
Telephone and Fax		-	-	-
Photocopying and Printing		-	-	-
Advertising		-	-	-
Misc. Supplies and Services		-	-	-

Note:

1. Adjustment or Not Claimed column reflects adjustment for hourly rates as per YUB Scale of Costs [$350/hr].

2. Hours and Invoiced Expenses reflect removal of hours and invoiced expenses prior September 25, 2019 [YUB Order 2019-06 issue date] and after November 5, 2019 [date of Reply Argument].

DLA PIPER

159

DLA Piper (Canada) LLP
Suite 2800, Park Place
666 Burrard St
Vancouver BC V6C 2Z7
www.dlapiper.com
T 604.687.9444
F 604.687.1612

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: Ed Mollard

Our File No: 084813-00195

C16039

Yukon Energy Corporation
Re: 2017 GRA

Date: October 9, 2019
Invoice Number: 1898647

For Professional Services rendered and disbursements advanced through September 30, 2019.

PROFESSIONAL SERVICES

Date			Hours
09/25/19	PJL	Review issues regarding process on compliance filing.	1.00
09/26/19	PJL	Prepare for and attend call with YEC team regarding latest Order.	1.50

Total Taxable Hours		**14.50**
Total Taxable Fees:	**$**	**7,646.00**

BILL SUMMARY

REG #

Our Fees:	$	7,646.00
Total GST:	$	382.30
Total Current Invoice Due:	**CAD $**	**8,028.30**

This is our account.

DLA Piper (Canada) LLP

Per: _____
P. John Landry

Please note that this account is payable on receipt. If not paid within 30 days from the invoice date, interest at the rate of prime plus 2% per annum will be charged from the invoice date.

DLA Piper (Canada) LLP
Suite 2800, Park Place
666 Burrard St
Vancouver BC V6C 2Z7
www.dlapiper.com
T 604.687.9444
F 604.687.1612

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: Ed Mollard

Our File No: 084813-00195

Yukon Energy Corporation
Re: 2017 GRA

OK to Pay
E Mollard
C16039
999-6000 . 402
Direct Pay

Date: November 29, 2019
Invoice Number: 1908109

For Professional Services rendered and disbursements advanced through October 31, 2019.

PROFESSIONAL SERVICES

Date	Professional	Description	Hours
10/08/19	PJL	Call with C. Osler regarding workshop.	0.50
10/18/19	PJL	Review and comment on AEY IR.	0.50
10/22/19	PJL	Calls regarding way ahead on compliance filing.	0.50
10/23/19	PJL	Review UCG application; comment on draft response.	1.50
10/24/19	PJL	Calls with Intergroup and E. Mollard regarding IRs.	1.00
10/25/19	PJL	Review of issues regarding IR; calls with IG and YEC.	1.50
11/04/19	PJL	Prepare for and attend call with Team regarding Reply; review reply drafts and comments.	2.50
Total Taxable Hours:			**8.00**
Total Taxable Fees:			**$ 4,400.00**

BILL SUMMARY

REG #

Our Fees:	$	4,400.00
Total GST:	$	220.00
Total Current Invoice Due:	**CAD $**	**4,620.00**

This is our account.

DLA Piper (Canada) LLP

Per: FOL
P. John Landry

Please note that this account is payable on receipt. If not paid within 30 days from the invoice date, interest at the rate of prime plus 2% per annum will be charged from the invoice date.

InterGroup Consultants Ltd

Table B-2: Summary of InterGroup Fees and Disbursement by Month

Month	Individual/Expense	Hours	Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
September 2019	C. Osler	16.00	3,840.00	3,840.00	-
	M. Pollitt-Smith	3.75	645.00	645.00	-
	H. Najmidinov	2.50	285.00	285.00	-
	Admin/Clerical	1.00	69.00	-	69.00
	Subtotal	*23.25*	*4,839.00*	*4,770.00*	*69.00*
October 2019	C. Osler	77.50	18,600.00	18,600.00	-
	M. Pollitt-Smith	56.50	9,887.50	9,887.50	-
	H. Najmidinov	45.00	5,625.00	5,625.00	-
	J. Gordon	3.75	318.75	212.50	106.25
	Admin/Clerical	7.25	507.50	292.50	215.00
	Airfare		1,116.12	1,116.12	
	Hotel		697.42	697.42	
	Meals		91.57	91.57	
	Telephone and Fax		110.45	110.45	-
	Photocopying		73.70	73.70	-
	Subtotal	*190.00*	*37,028.01*	*36,706.76*	*321.25*
November 2019	C. Osler	15.25	3,660.00	3,660.00	-
	M. Pollitt-Smith	18.25	3,193.75	3,193.75	-
	H. Najmidinov	2.25	281.25	281.25	-
	Admin/Clerical	0.25	17.50	-	17.50
	Telephone and Fax		1.16	1.16	-
	Photocopying		4.25	4.25	-
	Subtotal	*36.00*	*7,157.91*	*7,140.41*	*17.50*

	Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
Total	**249.25**	**49,024.92**	**48,617.17**	**407.75**
Total Claimed	*246.00*		*48,617.17*	
Total Not Claimed	*3.25*			*407.75*
Professional		46,930.25	46,522.50	407.75
Travel		1,813.54	1,813.54	-
Meals & Incidentals		91.57	91.57	-
Telephone and Fax		111.61	111.61	-
Photocopying and Printing		77.95	77.95	-
Advertising				
Misc. Supplies and Services				

Note:

1. Adjustment or Not Claimed column reflects adjustment for hourly rates as per YUB Scale of Costs [$45/hr for Admin/Clerical staff], removal admin staff fees not related to production.
2. Hours and Invoiced Expenses reflect removal of hours and invoiced expenses prior September 25, 2019 [YUB Order 2019-06 issue date] and after November 5, 2019 [date of Reply Argument].

Table B-3: Allocation of InterGroup Production and Administrative Costs

		Expense		Production related - Claimed under Scale of Costs - Form 1		Admin related – Not Claimed		
Month	Individual/Expense	Hours	$	Hours	$	Hours	$	Description for Production related
September 2019	Admin/Clerical - Production	1.00	69.00	-	-	1.00	69.00	
	Subtotal	*1.00*	*69.00*	-	-	*1.00*	*69.00*	
October 2019	J. Gordon	3.75	318.75	2.50	212.50	1.25	106.25	Document formating and templates
	Admin/Clerical - Production	7.25	507.50	6.50	292.50	0.75	215.00	Document formating and templates
	Subtotal	*11.00*	*826.25*	*9.00*	*505.00*	*2.00*	*321.25*	
November 2019	Admin/Clerical - Production	0.25	17.50	-	-	0.25	17.50	
	Subtotal	*0.25*	*17.50*	-	-	*0.25*	*17.50*	
Total:		12.25	912.75	9.00	505.00	3.25	407.75	

Note:
The production related fees for Admin/Clerical are calculated based on $45 per hour as per YUB Scale of Costs for support staff.

Note:
Invoice for period from Sept 1-30 + Oct 1-31
Amounts prior to Sept 25 removed from claim.
For reconciliation of claimed and unclaimed amounts see timesheet at page B-25

InterGroup
CONSULTANTS

300-259 Portage Avenue
Winnipeg, Manitoba
R3B 2A9
tel: (204) 942-0654
fax: (204) 943-3922
email: intergroup@intergroup.ca

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306 2.5-229
October 31, 2019

YEC - GRA Clean Up

P306 2.5

Contract No. SA15201

For Services Rendered Through October 31, 2019

Professional Fees

			Hours	Rate	Amount
Note:	**YEC - GRA Clean Up**				
Sept - Oct	Osler, Cam		138.75	240.00	$33,300.00
Oct	Pollitt-Smith, Mona		56.50	175.00	$9,887.50
Sept	Pollitt-Smith, Mona		25.75	172.00	$4,429.00
Oct	Najmidinov, Hamid		45.00	125.00	$5,625.00
Sept	Najmidinov, Hamid		31.75	114.00	$3,619.50
Oct	Gordon, Jolene		5.00	85.00	$425.00
Oct	Admin/Clerical		7.25	70.00	$507.50
Sept	Admin/Clerical		2.00	69.00	$138.00
		YEC - GRA Clean Up Total:	**312.00**		**$57,931.50**
Total Professional Fee			**312.00**		**$57,931.50**

Expenses

00 YEC - GRA Clean Up

Osler, Cam

Oct 6-9 Whitehorse

Airfare	**$432.56**
Hotel	**$349.02**
Meals	**$64.04**

Pollitt-Smith, Mona		
Oct 6-9 Whitehorse		
	Airfare	**$683.56**
	Hotel	**$348.40**
	Meals	**$27.53**
Allstream Inc.		
	Teleconference	**$110.45**
In-House		
	Photocopying	**$73.70**
	00 YEC - GRA Clean Up Total:	**$2,089.26**

Total Expenses **$2,089.26**

Taxes

	Taxable Amount	Tax %	Amount
	$60,020.76	5.00%	$3,001.04

Invoice Amount **$63,021.80**

Payment is due within 30 days of invoice date.
Please quote Invoice No. on payment. Thank you.

Cam Osler	Oct 6-9 2019		
Employee Name	*Travel Dates*	*FM Approval*	*Posting Date*
	Whitehorse YT	**Oct 6-9 Whitehorse**	
E1428	*Destination*	*PM Comments*	

			A	B	C	D	E
Date	**GL Acct or Project No.**	**Expense Description**	**Payable to Employee (incl GST, PST, tips)**	**Charged on Corporate VISA C,A,L,J**	**Prepaid Airfare Flight Passes**	**Chargeable to Client**	**GST**
6-Oct	P306 2.5	AirFare - AC			263 55	251.00	12 55
9-Oct	P306 2.5	AirFare - Air North		190.64		181.56	9 08
7-Oct	P306 2 5	Hotel - Westmark		365.82		349.02	16.80
7-Oct	P306 2.5	Meal - Westmark Hotel		67.24		64.04	3.20
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Totals			$ -	$ 1,061.70	$ 527.10	$ 1,514.08	$ 74.72
		GL Accounts		*2170*	*1309*	*5200*	*2060*
			A	*2168*			
			L	*2169*			
			J	*2173*			

A + B + C	*D + E*
$ 1,588.80	$ 1,588.80

Total Expense Claim

Rajni Chopra

From: Thao Vu
Sent: September 27, 2019 1:16 PM
To: Cam Osler
Cc: Roberta Connon; Rajni Chopra; Jolene Gordon
Subject: Cam's travel to Whitehorse Oct 6 - Oct 9
Attachments: Cam Accommodation Oct 6 - oct 9 Whitehorse.pdf; Cam Flight info Oct 6 - Oct 9 Van - Whitehorse.pdf; CamFlight info Oct 9 Whitehorse - Van.pdf

Hi Cam,
I'm sending you the itinerary for your trip

P306 2.5 GST $251.00 12.55

Cam
P305(2.5)

Flights

Depart

Air Canada
Booking Reference/ Reservation Code: NAQ4L5
Ticket Number: 0142119935706

Sunday 06 October 2019
Vancouver to Whitehorse
AC279 3:50 pm – 6:10 pm
Seat 16C

Cost: $527.10 (1 Flight Credit), can upgrade 48 hours prior to departure

Return

Wednesday, October 09, 2019

P306 2.5 GST $151.56 9.08

Air North
Itinerary number: 19184681

Whitehorse to Vancouver
4N535 5:00 pm – 7:15 pm
Seat 8D

Cost: $327 fare + taxes, paid with John's visa

Accommodations

Westmark Whitehorse Hotel & Conf. Center
201 Wood Street
Whitehorse, YT, Y1A 2E4
CA

Thao Vu

From: Air Canada <fpconfirmation@aircanada.ca>
Sent: Friday, September 27, 2019 10:51 AM
To: Thao Vu
Subject: Air Canada - Electronic Ticket Itinerary/Receipt

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AIR CANADA

Itinerary/Receipt

Electronic Ticketing confirmed. This is your official itinerary/receipt. We thank you for choosing Air Canada and look forward to welcoming you on board.

Seats have been pre-selected for you.
Click on the button below to **see all seat options and change your seat(s)**

Choose your seat(s)



Booking Information

Booking Reference: NAQ4L5

Main Contact:
Mr Cameron Osler
tvu@intergroup.ca
Mobile: 1-204-9420654

Manage My Booking (change, cancel, upgrade).
Change Seats get more seating options for my flight.
Purchase **Maple Leaf Lounge Access / Meal Vouchers**
Receive **Flight Status Notifications** directly to my email or mobile phone.
Check **Flight Arrivals and Departures**.
Check in online and print my boarding pass.

Customer Care
Air Canada
1-888-247-2262
Flight Arrivals and Departures
1-888-422-7533

Flight Itinerary

Flight	From	To	Stops	Fare Type	Meal
AC279	**Vancouver (BC)** Sun 06-Oct 2019 15:50	**Whitehorse (YT)** Sun 06-Oct 2019 18:10	0	Latitude, Y	

Passenger Information

Your Air North, Yukon's Airline Itinerary

Thank you for booking with us!

Your itinerary number is **19184681**.

Address: 300-259 PORTAGE AVENUE WINNIPEG, MB CAN
Booked: September 27, 2019
Booked By: P184.71.73.102

WEDNESDAY OCTOBER 09, 2019 › FLIGHT 4N535 - Whitehorse to Vancouver

DEPARTS 5:00PM › ARRIVES 7:15PM › STOPS 0 › Boeing 737

CAMERON OSLER	**SEAT 8D**	**Confirmed**
MONA POLLITT-SMITH	**SEAT 8E**	**Confirmed**

Purchase Summary

Total Fare	654.00
Fuel Surcharge	58.00
Air Travellers Security Charge	14.24
Canada Goods and Service Tax #850279555	36.32
Itinerary Total	**CAD 762.56**
Payment	CRED VISA
Credit Card Applied	CAD 762.56
Cardholder Name	
Credit Card Number	
Authorization Number	

P306 2.5 181.56
GST 9.08

Questions, comments or concerns?

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How to contact us

- Toll-free (in North America): 1.800.661.0407 ext. 1
- (867) 668.2228 ext. 1
- Via our website at flyairnorth.com

Rules and Conditions

UPDATED JULY 1, 2017

Identification, Check-in & Boarding Information

- **For Domestic Flights** — Check-in a minimum of 90 minutes prior to scheduled departure. Although we will do our best to assist, passengers checking in/dropping off baggage less than 45 minutes prior to the scheduled departure will be denied boarding. It is the passengers responsibility to be through security & present at the boarding gate no later than 15 minutes prior to the scheduled departure time. Valid government-issued identification featuring clear and identifiable photo of passenger and including name, date of birth and gender is required for all passengers.

Westmark
WHITEHORSE
HOTEL & CONFERENCE CENTER

Mr Cameron Osler

Folio No : 244087

Room No.: 345
Arrival : 10/06/19
Departure: 10/09/19
Page No. : 1 of 1
Conf. No. : 1725085

Date	Text		Charges	Credits
10/06/19	Room Charge Final		168.00	
10/06/19	Room GST		8.40	
10/06/19	Sustainability Levy 2.5		4.20	
10/06/19	GST		0.21	
10/06/19	Safe Warranty		2.00	
10/06/19	GST		0.10	
10/07/19	Food Revenue - Lounge	Room# 345 : CHECK# 0024178	108.24	
10/07/19	Room Charge Final		168.00	
10/07/19	Room GST		8.40	
10/07/19	Sustainability Levy 2.5		4.20	
10/07/19	GST		0.21	
10/07/19	Safe Warranty		2.00	
10/07/19	GST		0.10	
		XXXXXXXXXXX XX/XX		656.97
		Total	656.97	656.97
		Balance Owed		0.00

P306 (2.5) 67.24
41.00
108.24

P306 (2.5) 433.06

Room GST Total: 25.20
Other GST Total: 5.42

Signature: _____

Westmark Whitehorse Hotel & Conf. Center
201 Wood Street, Whitehorse, YT Y1A 2E4 Phone (867) 393-9700 Fax (867) 668-2789
Toll Free Reservations (800) 544-0970 www.westmarkhotels.com
Canadian GST Tax Registration No. : R458317167

Hotel P306 2.5 349.02
GST 16.80
Meal P306 2.5 64.04
GST 3.20

INTERGROUP CONSULTANTS LTD. - EXPENSE CLAIM FORM

Mona pollitt-Smith	Oct 6-9 2019			
Employee Name	*Travel Dates*		*FM Approval*	*Posting Date*
	Whitehorse YT	Oct 6-9 Whitehorse		
E1428	*Destination*	*PM Comments*		

			A	B	C	D	E
Date	GL Acct or Project No.	Expense Description	Payable to Employee (incl GST, PST, tips)	Charged on Corporate VISA C,A,L,J	Prepaid Airfare Flight Passes	Chargeable to Client	GST
6-Oct	P306 2 5	AirFare - AC			263.55	251.00	12 55
9-Oct	P306 2.5	AirFare - AC			263.55	251.00	12 55
9-Oct	P306 2 5	AirFare - Air North		190.64		181 56	9.08
6-Oct	P306 2 5	Hotel - Westmark	365.82			348 40	17.42
7-Oct	P306 2.5	Meal Hotel - Westmark	28 73			27.53	1.20
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
						-	
Totals			$ 623 37	$ 381.28	$ 1,054.20	$ 1,961 22	$ 97 63
		GL Accounts		*2170*	*1309*	*5200*	*2060*
				A *2168*			
				L *2169*			
				J *2173*	*A + B + C*		*D + E*
Total Expense Claim					$ 2,058.85		$ 2,058 85

Rajni Chopra

Subject: FW: Mona's travel to Whitehorse Oct 6 - Oct 9

From: Thao Vu
Sent: Friday, September 27, 2019 1:12 PM
To: Mona Pollitt-Smith <mpollitt-smith@intergroup.ca>
Cc: Roberta Connon <rconnon@intergroup.ca>; Rajni Chopra <RChopra@intergroup.ca>; Jolene Gordon <jgordon@intergroup.ca>
Subject: Mona's travel to Whitehorse Oct 6 - Oct 9

P306 2.5 #251.00
GST 12.55

Hi Mona, I'm sending you the itinerary for your trip

Thao

Mona
P305(2.5)

Flights

Depart

Sunday 06 October 2019

Air Canada
Booking Reference/ Reservation Code: M8MEXA
Ticket Number: 0142119934998

Winnipeg to Vancouver
AC297 10:50 – 11:53
Seat 16D

Vancouver to Whitehorse
AC279 3:50 pm – 6:10 pm
Seat 16D

Cost: $527.10 (1 Flight Credit), can upgrade 48 hours prior to departure

Return

P306 2.5 151.56
GST 9.08

Wednesday, October 09, 2019

Air North
Itinerary number: 19184681

Whitehorse to Vancouver
4N535 5:00 pm – 7:15 pm
Seat 8E

Cost: $327 fare + taxes, paid with John's visa

Air Canada
Booking Reference/ Reservation Code: NEBW4I
Ticket Number: 0142119937785

Air Fare
306 2.5 — 251.00
GST — 12.55

Vancouver to Winnipeg
AC296 9:20 pm – 1:58 am (Thurs 10 Oct 2019)
Seat **22A**

Cost: $527.10 (1 Flight Credit), can upgrade 48 hours prior to departure

Accommodations

Westmark Whitehorse Hotel & Conf. Center
201 Wood Street
Whitehorse, YT, Y1A 2E4
CA
1 (867) 393-9700
Reservation/Confirmation Number: 4327370
Check In: Sunday, October 6, 2019 @ 3:00 PM
Check Out: Wednesday, October 9, 2019 @11:00 AM
Cancellation Policy: If you need to change or cancel your reservation, please do so by 6PM October 5th, 2019

Cost: (Rate Oct 6: $158, rate Oct 7 and Oct 8: $176) *Held with John's Visa

Thao Vu
ADMINISTRATIVE SUPPORT STAFF

InterGroup Consultants Ltd.
300-259 Portage Avenue | Winnipeg, Manitoba | Canada R3B 2A9
T 204 942 0654 x247 | F 204 943 3922
tvu@intergroup.ca www.intergroup.ca

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Thao Vu

From: Air Canada <fpconfirmation@aircanada.ca>
Sent: Friday, September 27, 2019 10:40 AM
To: Thao Vu
Subject: Air Canada - Electronic Ticket Itinerary/Receipt

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Seats have been pre-selected for you.
Click on the button below to **see all seat options and change your seat(s)**

Choose your seat(s)



Booking Information

Booking Reference: M8MEXA

Main Contact:
Mr Cameron Osler
tvu@intergroup.ca
Mobile: 1-204-9420654

Manage My Booking (change, cancel, upgrade).
Change Seats get more seating options for my flight.
Purchase **Maple Leaf Lounge Access / Meal Vouchers**
Receive **Flight Status Notifications** directly to my email or mobile phone.
Check **Flight Arrivals and Departures**.
Check in online and print my boarding pass.

Customer Care
Air Canada
1-888-247-2262
Flight Arrivals and Departures
1-888-422-7533

Flight Itinerary

Flight	From	To	Stops	Fare Type	Meal
AC297	**Winnipeg (MB)** Sun 06-Oct 2019 10:50	**Vancouver (BC)** Sun 06-Oct 2019 11:53	0	Latitude, Y	
AC279	**Vancouver (BC)** Sun 06-Oct 2019 15:50	**Whitehorse (YT)** Sun 06-Oct 2019 18:10	0	Latitude, Y	

F: Food for purchase onboard All Onboard Café purchases made on board Air Canada flights are payable only with Visa, MasterCard and American Express credit cards.

Passenger Information

1: **Ms Mona Pollittsmith** : Ticket Number: **0142119934998**

Air Canada Aeroplan:		Meal Preference:	**Normal**
Seat Selection:	AC297 : **16D**, AC279 : **16D**	Special Needs:	**None**

Flight Credit Summary

Western Canada Latitude 30 credits — **1 Flight Credit**

Taxes, fees, and charges included

Please read important information and notices regarding Air Canada's general conditions of carriage.

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Important Information

All passengers are advised to view the Travel documentation page for important information on identification required for travel.

Baggage Policy
Carry-on baggage | Checked baggage

Check-in and boarding times

Baggage Allowance and Fees

Prepare your checked and carry-on baggage with the help of our Baggage Guide.

Carry-on Baggage

On your Air Canada- or Air Canada Express-operated flight, you are entitled to 1 standard item (max. size: 23 x 40 x 55 cm [9 x 15,5 x 21,5 in]) and 1 personal item (max. size: 16 x 33 x 43 cm [6 x 13 x 17 in]). Your carry-on baggage must be light enough that you can store it in the overhead bin unassisted. View more details.

Checked Baggage:

Please see below for details on the bags you plan on checking at the baggage counter.

Flight : Winnipeg (MB) To Whitehorse (YT) - **Latitude**

	1st bag:	**2nd bag:**
Regular Baggage Allowance	Complimentary	Complimentary

Max Weight per bag: 23kg (50lb)
Max. Linear Dimensions per bag: 158cm (62in)

* For travel within Canada or between Canada and the United States, a Canadian tax of $3.00 CAD may apply to 1st and 2nd bag fees. For travel between Canada or the United States and Mexico, the Dominican Republic and Barbados, an applicable local sales tax of $4.00 CAD may apply to the 2nd bag fee. For all other itineraries to/from Mexico, the Dominican Republic and Barbados as well as itineraries to/from South America, an applicable local sales tax of $21.00 CAD may apply to the 2nd bag fee. All above tax amounts are based on the maximum applicable tax amounts per

Your Air North, Yukon's Airline Itinerary

Thank you for booking with us!

Your itinerary number is **19184681**.

Address: 300-259 PORTAGE AVENUE WINNIPEG, MB CAN
Booked: September 27, 2019
Booked By: P184.71.73.102

WEDNESDAY OCTOBER 09, 2019 › FLIGHT 4N535 - Whitehorse to Vancouver

DEPARTS 5:00PM › ARRIVES 7:15PM › STOPS 0 › Boeing 737

CAMERON OSLER	**SEAT 8D**	**Confirmed**
MONA POLLITT-SMITH	**SEAT 8E**	**Confirmed**

f306 2.5 151.56
GST 9.06

Purchase Summary

Total Fare	654.00
Fuel Surcharge	58.00
Air Travellers Security Charge	14.24
Canada Goods and Service Tax #850279555	36.32
Itinerary Total	**CAD 762.56**
Payment	CRED VISA
Credit Card Applied	CAD 762.56
Cardholder Name	
Credit Card Number	
Authorization Number	

Questions, comments or concerns?

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Rules and Conditions

UPDATED JULY 1, 2017

Identification, Check-in & Boarding Information

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Thao Vu

From: Air Canada <fpconfirmation@aircanada.ca>
Sent: Friday, September 27, 2019 11:28 AM
To: Thao Vu
Subject: Air Canada - Electronic Ticket Itinerary/Receipt

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AIR CANADA

Itinerary/Receipt

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Seats have been pre-selected for you.
Click on the button below to **see all seat options and change your seat(s)**

Choose your seat(s)



Booking Information

Booking Reference: NEBW4I

Main Contact:
Mr Cameron Osler
tvu@intergroup.ca
Mobile: 1-204-9420654

Manage My Booking (change, cancel, upgrade).
Change Seats get more seating options for my flight.
Purchase **Maple Leaf Lounge Access / Meal Vouchers**
Receive **Flight Status Notifications** directly to my email or mobile phone.
Check **Flight Arrivals and Departures**.
Check in online and print my boarding pass.

Customer Care
Air Canada
1-888-247-2262
Flight Arrivals and Departures
1-888-422-7533

Flight Itinerary

Flight	From	To	Stops	Fare Type	Meal
AC296	**Vancouver (BC)** Wed 09-Oct 2019 21:20	**Winnipeg (MB)** Wed 09-Oct 2019 01:58	0	Latitude, Y	F

F: Food for purchase onboard All Onboard Café purchases made on board Air Canada flights are payable only with Visa, MasterCard and American Express credit cards.

Passenger Information

1: **Ms Mona Pollittsmith** : Ticket Number: **0142119937785**			
Air Canada Aeroplan:		Meal Preference:	**Normal**
Seat Selection:	AC296 : **22A**	Special Needs:	**None**

Flight Credit Summary

Western Canada Latitude 30 credits — **1 Flight Credit**

Taxes, fees, and charges included

Please read important information and notices regarding Air Canada's general conditions of carriage.

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Carry-on baggage | Checked baggage

Check-in and boarding times

Baggage Allowance and Fees

Prepare your checked and carry-on baggage with the help of our Baggage Guide.

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On your Air Canada- or Air Canada Express-operated flight, you are entitled to 1 standard item (max. size: 23 x 40 x 55 cm [9 x 15,5 x 21,5 in]) and 1 personal item (max. size: 16 x 33 x 43 cm [6 x 13 x 17 in]). Your carry-on baggage must be light enough that you can store it in the overhead bin unassisted. View more details.

Checked Baggage:

Please see below for details on the bags you plan on checking at the baggage counter.

Flight : Vancouver (BC) To Winnipeg (MB) - **Latitude**

	1st bag:	**2nd bag:**
Regular Baggage Allowance	Complimentary	Complimentary

Max Weight per bag: 23kg (50lb)
Max. Linear Dimensions per bag: 158cm (62in)

* For travel within Canada or between Canada and the United States, a Canadian tax of $3.00 CAD may apply to 1st and 2nd bag fees. For travel between Canada or the United States and Mexico, the Dominican Republic and Barbados, an applicable local sales tax of $4.00 CAD may apply to the 2nd bag fee. For all other itineraries to/from Mexico, the Dominican Republic and Barbados as well as itineraries to/from South America, an applicable local sales tax of $21.00 CAD may apply to the 2nd bag fee. All above tax amounts are based on the maximum applicable tax amounts per itinerary type. Actual amounts may vary and will be charged in the currency used in your departure airport. Tax amounts are subject to change without notice by local government.

P306 2.5 Hotel $ 348.40
GST 17.42
Meals 27.53
GST 1.20

Westmark WHITEHORSE HOTEL & CONFERENCE CENTER

Ms Mona Pollitt-Smith
500 280 Smith Street
Winnipeg MB R3C 1K2
Canada

Folio No. : 244086

Room No.: 337
Arrival : 10/06/19
Departure: 10/09/19
Page No. : 1 of 1
Conf. No. : 1725086

Date	Text			Charges	Credits
10/06/19	Room Charge Final			168.00	
10/06/19	Room GST			8.40	
10/06/19	Sustainability Levy 2.5			4.20	
10/06/19	GST			0.21	
10/06/19	Safe Warranty			2.00	
10/06/19	GST			0.10	
10/07/19	Food Revenue - Restaurant	Room# 337 : CHECK# 0010029		28.73	Breakfast w Conv
10/07/19	Room Charge Final			168.00	
10/07/19	Room GST			8.40	
10/07/19	Sustainability Levy 2.5			4.20	
10/07/19	GST			0.21	
10/07/19	Safe Warranty			2.00	
10/07/19	GST			0.10	
10/09/19	Visa	XXXXXXXXXXXX	XX/XX		623.37
		Total		623.37	623.37
		Balance Owed			0.00

Room GST Total: 25.20
Other GST Total: 4.07

Signature:

Westmark Whitehorse Hotel & Conf. Center
201 Wood Street, Whitehorse, YT Y1A 2E4 Phone (867) 393-9700 Fax (867) 668-2789
Toll Free Reservations (800) 544-0970 www.westmarkhotels.com
Canadian GST Tax Registration No. · R858317167

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Sunday, September 01, 2019 to Thursday, October 31, 2019

CLIENT: Yukon Energy Corporation

PROJECT: P306 2.5 YEC - GRA Clean Up

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306 2.5-00 - YEC - GRA Clean Up		
Chopra, Rajni		
Monday, October 28, 2019	0.25	Provided accounting support.
Employee Total	**0.25**	
	Admin related – removed from claim in Table B-3 – 0.25 hrs	
Gordon, Jolene		
Wednesday, October 02, 2019	0.50	Admin Support
Friday, October 04, 2019	0.75	Admin Support
Tuesday, October 15, 2019	1.00	IRs.
Friday, October 18, 2019	0.50	Formatted draft for review IRs.
Monday, October 21, 2019	1.00	IR cross-checks; finalized CWs and AEYs.
Employee Total	**5.00**	
	Total invoiced for Sep/Oct - 5.0 hrs **Prior Sep 25 – removed from claim – 1.25 hrs** **Admin related – removed from claim in Table B-3 – 1.25 hrs** **Included in Oct in Table B-3 – 2.5 hrs**	
Najmidinov, Hamid		
Thursday, September 26, 2019	2.50	Called with YEC on LWRF and other GRA issues. Calculated required true-up if final rates are deferred to December 1, 2019.
Tuesday, October 01, 2019	2.00	LWRF workplan discussion and follow ups.
Thursday, October 03, 2019	2.50	Called to discuss LWRF issues. Worked on table/figures for LWRF cases for workshop.
Friday, October 04, 2019	2.00	Worked on table/figures for LWRF cases for workshop.
Monday, October 07, 2019	1.00	Reviewed materials for workshop.
Tuesday, October 15, 2019	4.50	Reviewed and summarized IRs. Worked on IR responses on second compliance filing.
Wednesday, October 16, 2019	6.00	Worked on IR responses on second compliance filing.
Thursday, October 17, 2019	7.50	Worked on IR responses on second compliance filing.
Friday, October 18, 2019	6.00	Worked on IR responses on second compliance filing.
Sunday, October 20, 2019	1.75	Worked on IR responses on second compliance filing.
Monday, October 21, 2019	7.00	Worked on second compliance filing IRs. Follow ups with Jason and Wes on revenue issues and Rider F. Finalized excel files, including true-up calculations.
Tuesday, October 22, 2019	1.25	Follow ups on GRA second compliance filing IRs. Excel files.
Wednesday, October 23, 2019	1.00	2017/18 GRA second compliance filing IR UCG motion discussion call.
Friday, October 25, 2019	2.50	Called to review YUB Order on UCG motion. Drafted revised responses.
Employee Total	**76.75**	
	Total invoiced for Sep/Oct - 76.75 hrs **Prior Sep 25 – removed from claim – 29.25 hrs** **Included in Sep in Table B-2 – 2.5 hrs** **Included in Oct in Table B-2 – 45.0 hrs**	
Osler, Cam		
Wednesday, September 25, 2019	0.50	Called with Mona and with Ed re process re: LWRF and filing.

Thursday, September 26, 2019	5.50	YEC/Landry call on latest Bd order work plan. Emailed with Hamid on estimates re: bill impacts (including emails from Jason). Worked on initial notes for YEC Technical Session with Board and intervenors.
Friday, September 27, 2019	5.25	Review of LWRF excel examples and updates to prepare for technical session.
Saturday, September 28, 2019	3.50	Ongoing revision & expansion of excel tables on LWRF examples.
Sunday, September 29, 2019	1.00	Finalized updated notes for Oct 8 workshop.
Monday, September 30, 2019	0.25	Called with Landry on compliance filing issues.
Tuesday, October 01, 2019	1.00	Called with YEC to review LWRF issues in prep for workshop.
Thursday, October 03, 2019	1.25	Update call with YEC on workshop prep; review of related emails.
Friday, October 04, 2019	3.00	Prepared for workshop (Reviewed Hamid graphics concepts, addressed issues re numbers, met with Mona to review approach & issues).
Saturday, October 05, 2019	6.00	Drafted and prepared tables/ figures for notes re workshop.
Sunday, October 06, 2019	7.50	Drafted and prepared tables/ figures for notes re workshop.
Monday, October 07, 2019	9.50	Drafted and prepared material for workshop working at YEC with Ed and Jason.
Tuesday, October 08, 2019	4.00	YUB Technical Session and related prep.
Wednesday, October 09, 2019	0.50	Follow ups from technical session (call with Landry, other discussions).
Tuesday, October 15, 2019	0.75	Emailed re: initial IR reviews.
Wednesday, October 16, 2019	10.00	GRA IR review call with YEC - subsequent IR reviewed and drafting (all YUB IRs that responsible for re: LWRF issues).
Thursday, October 17, 2019	9.25	Draft edits and review of IRs.
Friday, October 18, 2019	5.00	Update call with YEC on IR drafting; ongoing review and edits of IRs, emails with Hamid.
Saturday, October 19, 2019	2.00	Edits/review of IRs, review of edits from others.
Sunday, October 20, 2019	2.50	IR edits & review of edits from others.
Monday, October 21, 2019	8.50	IR finalizing, cover letter and related issues - called with YEC, multiple emails.
Tuesday, October 22, 2019	2.00	GRA true up update filing (review of excel table, drafting edits to related text, review/ edit of cover letter, subsequent cross checking) Checked excel tables re: IRs and workshop.
Wednesday, October 23, 2019	2.00	Responded to UCG motion (review, emails, drafting and editing of response, review of edits to finalize).
Friday, October 25, 2019	2.00	Called with Ed on update on LWRF issues. Called with YEC and Landry to address Bd Order on added IRs responses and YECSIM-related update issues. Started to consider reply drafting.
Saturday, October 26, 2019	0.25	Notes to Mona re: Reply argument issues.
Wednesday, October 30, 2019	0.50	Reviewed UCG email on YECSIM. Emailed re: YECSIM updates.
Employee Total	**138.75**	

Total invoiced for Sep/Oct - 138.75 hrs
Prior Sep 25 – removed from claim – 45.25 hrs
Included in Sep in Table B-2 – 16 hrs
Included in Oct in Table B-2 – 77.5 hrs

Pollitt-Smith, Mona

Wednesday, September 25, 2019	0.75	Update call re: compliance filing & next steps; follow ups; discussion with C Osler.
Thursday, September 26, 2019	1.25	Team call to discuss board order and next steps; called with Cam to discuss; called with Ed.
Saturday, September 28, 2019	0.25	Reviewed emails and status of various items.
Sunday, September 29, 2019	1.50	Check in discussion with C Osler; reviewed LWRF notes.
Tuesday, October 01, 2019	1.50	Called with Ed re: LWRF presentation; reviewed notes and worked on issues for presentation.
Thursday, October 03, 2019	1.00	Called re: LWRF workshop prep.

Friday, October 04, 2019	0.50	Reviewed LWRF issues with C Osler.
Saturday, October 05, 2019	3.00	Reviewed material and work on presentation; discussion with C Osler.
Sunday, October 06, 2019	5.00	Worked on presentation; discussion with C Osler.
Monday, October 07, 2019	9.00	Worked on LWRF preparation with Ed and Cam.
Tuesday, October 08, 2019	4.50	Prepared for and attend LWRF workshop; follow up.
Wednesday, October 09, 2019	0.75	Worked on budget update note.
Thursday, October 10, 2019	0.50	Finalized budget update note.
Tuesday, October 15, 2019	1.50	Reviewed and coordinate IRs.
Wednesday, October 16, 2019	4.00	Reviewed IRs and call with YEC to assign drafts.
Thursday, October 17, 2019	0.50	Reviewed IRs.
Friday, October 18, 2019	2.00	Reviewed IRs; follow ups; team call to review and discuss.
Sunday, October 20, 2019	3.50	Reviewed and edited draft IRs; discussion with C Osler; reviewed edits & comments provided by E. Mollard.
Monday, October 21, 2019	6.50	Drafted cover letter; reviewed and finalized IRs; called with team re: final edits/ issues.
Tuesday, October 22, 2019	2.00	Prepared filing on true up rates; reviewed and finalized draft letter.
Wednesday, October 23, 2019	3.50	Reviewed motion for further discloser from UCG. Discussion with E Mollard and develop draft response. Send to C Osler for review; Reviewed edits and send to team. Reviewed final edits from J Landry and finalize and send to YEC for filing.
Friday, October 25, 2019	2.50	Updated discussion with Ed, Jason, Cam and Hamid; reviewed board order and follow up discussion with team re: responses. Follow up discussion with J Landry.
Saturday, October 26, 2019	1.00	Prepared template and outline reply argument.
Tuesday, October 29, 2019	1.00	Reviewed information and develop reply argument key points.
Wednesday, October 30, 2019	1.25	Reviewed email from R Rondeau and response; reviewed argument issues.
Thursday, October 31, 2019	1.50	Reviewed material & work on argument; reviewed emails.
Employee Total	**82.25**	

Total invoiced for Sep/Oct - 82.25 hrs
Prior Sep 25 – removed from claim - 22 hrs
Included in Sep in Table B-2 – 3.75 hrs
Included in Oct in Table B-2 – 56.5 hrs

Vu, Thao

Friday, September 27, 2019	1.00	Admin Support
Friday, October 04, 2019	0.50	Admin Support
Tuesday, October 15, 2019	1.00	Put IRS into templates.
Wednesday, October 16, 2019	0.50	Put IRs into templates for Mona.
Monday, October 21, 2019	4.50	Finalized IRs and compiled pdf.
Tuesday, October 22, 2019	0.50	Formatted and pdf'd documents for Mona.
Employee Total	**9.00**	

Total invoiced for Sep/Oct - 9.00 hrs
Prior Sep 25– removed from claim - 1 hr
Admin related – removed from claim in Table B-3 – 1.5 hrs [0.25 hrs portion in Table B-3 for bookkeeper as noted above]
Included in Oct in Table B-3 – 6.5 hrs

Component Total	**312.00**
Project Total	**312.00**

InterGroup
CONSULTANTS

300-259 Portage Avenue
Winnipeg, Manitoba
R3B 2A9
tel: (204) 942-0654
fax: (204) 943-3922
email: intergroup@intergroup.ca

Note:
Invoice for period from Nov 1-30. Amounts after Nov 5 removed from claim. For reconciliation of claimed and unclaimed amount see timesheet at page B-29.

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306 2.5-230
November 30, 2019

YEC - GRA Clean Up

P306 2.5

Contract No. SA15201

For Services Rendered Through November 30, 2019

Professional Fees

		Hours	Rate	Amount
YEC - GRA Clean Up				
Osler, Cam		26.75	240.00	$6,420.00
Pollitt-Smith, Mona		22.75	175.00	$3,981.25
Najmidinov, Hamid		2.25	125.00	$281.25
Admin/Clerical		.25	70.00	$17.50
	YEC - GRA Clean Up Total:	**52.00**		**$10,700.00**
Total Professional Fee		**52.00**		**$10,700.00**

Expenses

00 YEC - GRA Clean Up

Allstream Inc.

Long Distance		**$1.16**

In-House

Photocopying		**$4.25**
	00 YEC - GRA Clean Up Total:	**$5.41**

Total Expenses **$5.41**

Taxes

	Taxable Amount	Tax %	Amount
	$10,705.41	5.00%	$535.27

Invoice Amount **$11,240.68**

Payment is due within 30 days of invoice date.
Please quote Invoice No. on payment. Thank you.

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Friday, November 01, 2019 to Saturday, November 30, 2019

CLIENT: Yukon Energy Corporation

PROJECT: P306 2.5 YEC - GRA Clean Up

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306 2.5-00 - YEC - GRA Clean Up		
Chopra, Rajni		
Friday, November 08, 2019	0.25	Provided accounting support.
Employee Total	**0.25**	
	Admin related – removed from claim in Table B-3 – 0.25 hrs	
Najmidinov, Hamid		
Monday, November 04, 2019	1.25	Reviewed reply argument and participated in the call.
Tuesday, November 05, 2019	1.00	Reviewed reply argument. Had call to review reply argument.
Employee Total	**2.25**	
Osler, Cam		
Friday, November 01, 2019	3.50	Call with YEC to review reply argument approach. Review with Mona initial filings. Review each of three arguments and provided initial memo review for Ed, Landry and Mona.
Saturday, November 02, 2019	0.75	Notes regarding reply outline; call with Mona to discuss.
Sunday, November 03, 2019	5.00	Review and edits to reply argument draft.
Monday, November 04, 2019	4.50	Call with YEC and Landry on reply argument; call with Mona on edits, followed by drafting and editing to address changes discussed; includes search for references - emails with Landry.
Tuesday, November 05, 2019	1.50	Reply (edits to latest draft, review with Mona, call with YEC and Landry to finalize).
Employee Total	**26.75**	
	Total invoiced for Nov - 26.75 hrs **After Nov 5 – removed from claim – 11.5 hrs** **Included in Nov in Table B-2 – 15.25 hrs**	
Pollitt-Smith, Mona		
Friday, November 01, 2019	1.25	Review UCG argument; call with YEC and C. Osler regarding reply.
Saturday, November 02, 2019	5.50	Review arguments; review emails regarding arguments; call with C. Osler to discuss argument; continue drafting reply.
Sunday, November 03, 2019	5.00	Work on argument.
Monday, November 04, 2019	3.50	Review and edit argument; send to team for review. Discussion with team and further edits; find references for C Osler.
Tuesday, November 05, 2019	3.00	Review edits and discussions to finalize reply argument.
Employee Total	**22.75**	
	Total invoiced for Nov - 22.75 hrs **After Nov 5 – removed from claim – 4.5 hrs** **Included in Nov in Table B-2 – 18.25 hrs**	
Component Total	**52.00**	
Project Total	**52.00**	

Yukon Energy

KWANLIN DÜN CULTURAL CENTRE

INVOICE: #1236-1
Yukon Energy
Invoice Date: 10/10/2019
Invoice Due: 11/09/2019
GST #
Kwanlin Dün Cultural Centre
1171 Front Street
Whitehorse, Yukon Y1A 0G9

Yukon Energy

Tuesday, October 8, 2019

Primary Contact	Email Address	Telephone
Megan Yakiwchuk Yukon Energy	megan.yakiwchuk@yec.yk.ca	W: (867) 393-5337

Event Charges

Tuesday, October 8, 2019 - 8:00am-5:00pm - Meeting			
Description	**Qty**	**Price**	**Total**
Classroom A Full Day	1	$300.00	$300.00
Television 60" LCD	1	$50.00	$50.00
Morning Snack Package 1	15	$15.00	$225.00
Conference Phone with Digital Line	1	$50.00	$50.00

Charges	$625.00
Subtotal	$625.00
GST	$31.25
Grand Total	$656.25
Payments Received	$150.00
Balance Due	$506.25

Payment Date	Amount	Payment Method	Payment Type
10/03/2019	$150.00	VISA	Deposit

Purchase Order:

Please quote the Invoice number in all remittances and correspondence.
Payment may be made by the following methods:
VISA, MasterCard, Interac, e-Transfer, Cheque, or Cash (exact amount only).
Please make cheques payable to " Kwanlin Dün Cultural Society", e-Transfers can be sent to finance@kdcc.ca

OK TO PAY

C16039 999-6300

ATTACHMENT C

DLA Piper (Canada) LLP
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666 Burrard St
Vancouver BC V6C 2Z7
www.dlapiper.com

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F +1 604.605.3588

January 22, 2019

Mr. Ed Mollard
Chief Financial Officer
Yukon Energy Corporation
Box 5920
Whitehorse, YT Y1A 6S7

Re: 2017/2018 General Rate Application by Yukon Energy Corporation

This is to confirm that DLA Piper (Canada) LLP was retained by Yukon Energy Corporation to act on its behalf as legal counsel on all matters related to the above-noted application, including its preparation and pre-hearing and hearing processes before the Yukon Utilities Board.

Yours truly,
DLA Piper (Canada) LLP
Per:

P. John Landry

PJL:lph

CAN: 29297963.1

InterGroup CONSULTANTS

Suite 500-280 Smith Street
Winnipeg, Manitoba
R3C 1K2
tel: (204) 942-0654
fax: (204) 943-3922

January 20, 2019

Mr. Ed Mollard
Chief Financial Officer
Yukon Energy Corporation
Box 5920
Whitehorse, Yukon Y1A 6S7

Dear Mr. Mollard:

Re: Yukon Energy Corporation 2017/18 General Rate Application

This is to confirm that InterGroup Consultants Ltd. (InterGroup) was retained by Yukon Energy to provide regulatory support and other services as required on all matters relating to the above-noted hearing before the Yukon Utilities Board, including preparation of the Application, as well as preparation of interrogatory responses, attendance at oral hearing and argument and reply.

Yours truly,

INTERGROUP CONSULTANTS LTD.



Cameron Osler
Principal and Chair

InterGroup CONSULTANTS

CAMERON F. OSLER

CHAIR/ PRINCIPAL/ SENIOR CONSULTANT



AREAS OF EXPERIENCE:

- Cost of Service and Rates - Expert Analysis and Testimony at Hearings
- Strategic Planning and Multi-disciplinary Project Team Management - Resource, Regional and Urban Development Projects
- Socio-economic and Environmental Assessment and Related Public Consultation – Hydroelectric, Mining, Forestry and Other Major Projects
- Other Strategic Planning and Assessment Compensation and Monitoring Related to Resource Project Impacts
- Resource Rent, Royalty and Tax Policy - Related Expert Evidence

EDUCATION:

- M.A. (Economics), Simon Fraser University, 1968
- University of Toronto Law School, 1964-1965
- B.A. (Philosophy), University of Manitoba, 1964

PROFESSIONAL EXPERIENCE:

InterGroup Consultants Ltd., Winnipeg, Manitoba
1974 – Present – Chair/Principal/Senior Consultant

Cost of Service and Rates – Expert Analysis and Testimony at Hearings

- **For the Yukon Energy Corporation (1989-Present):** Expert analysis and testimony for applications before the Yukon Utilities Board on planning major capital projects (1992, 2006) and on electricity costing and rates related to rate applications by Yukon Energy Corporation (1989, 1991, 1993, 1996, 1997, 1998, 2005, 2008-09, 2012-13, 2017-18, and YEC-YECL 2009

Phase II Application).

- **For Newfoundland Industrial Customers (2016-2017):** Senior advisor re: investigation and hearing into supply issues and power outages on the Island, Phase II addressing future reliability issues prior to and after completion of Muskrat Falls and related new HVDC transmission connections.
- **For Newfoundland Industrial Customers (2001 and 2003):** Expert testimony before the Board of Commissioners of Public Utilities of Newfoundland and Labrador on electricity costing and rates related to general rate applications by Newfoundland Hydro.
- **For the Manitoba Industrial Power Users Group (1987-1999; 2017-2018):** Expert testimony before the Manitoba Public Utilities Board in Manitoba Hydro electricity rate hearings, including rate applications in 1987/88, 1989, 1990, 1991, 1992, 1994, 1995, and 1998, and the Manitoba Hydro Major Capital Projects hearing in 1990. Represented MIPUG at hearings before the Board in 1999 to approve the purchase of Centra Gas by Manitoba Hydro.
- **For the Bruce Municipal Telephone System in the early 1990's:** Expert economic evidence to the Ontario Telephone Service Commission related to the cost of equity capital.
- **For Government of Yukon, expert testimony before the National Energy Board in 1985:** Expert testimony on costs and rates pertaining to the Northern Canada Power Commission.
- **For IPSCO during the 1980's:** Expert testimony before Saskatchewan Utilities Regulatory Commission hearing on the first and second rate applications by Saskatchewan Power Commission.
- **For Stelco, INCO and the Motor Vehicle Manufacturers' Association of Canada, in the 1977-1979 Ontario Energy Board hearings HR5):** Examining Ontario Hydro's electricity costing and pricing principles; provided consulting advice and expert testimony on the issues and options pertaining to that hearing.
- **For a consortium (The Consumers' Gas Company, Union Gas, Northern and Central Gas and the Ontario Ministry of Energy), a 1974 report on natural gas requirements throughout Canada:** Provided expert testimony before the National Energy Board on this report.

Strategic Planning & Multi-disciplinary Project Team Management – Resource, Regional and Urban Development Projects

- **For Nihtat Corporation and Nihtat Energy (2018-Present)**: Senior advisor on business case assessments and development planning, including federal funding submissions and coordination with technical and legal team participants, for specific Nihtat residential solar net metering and commercial solar projects in Inuvik and other northern locations, and biomass heating projects for GNWT buildings in Inuvik and other Beaufort Delta communities.
- **For Gwich'in Council International (2016-2018):** Senior advisor on 2017-2018 study by Gwich'in Council International funded by INAC, with participation of GNWT and others, on fossil

fuel use and costs (and options to reduce this use with wind, solar and biomass renewables) for power generation, heating and transportation in Beaufort Delta Region communities. Prior to the 2017-2018 study, senior advisor to Gwich'in Council International on study to document true cost of fossil fuel generation in selected off grid communities in N.W.T, Nunavut and Yukon, and to define Power Purchase Agreement and ownership options as part of a plan whereby the Indigenous people of the North in off grid communities can take action to secure alternative energy sources to reduce current reliance on fossil fuels.

- **For Government of Northwest Territories (2017-2018):** Project Lead for business case development for the Inuvik wind design basis and performance specification works relating to the Inuvik High Point wind energy project, working with Nihtat Corporation (Project lead), Wood, Inuvik Engineering and Hemmera.
- **For Natural Resources Canada (NRCan) (2017):** Project Principal on study to summarize current challenges and opportunities associated with fuelling off-road mine haul trucks in Canada with natural gas.
- **For Government of Northwest Territories (2015-2016):** InterGroup Principal in North Slave Resiliency Study (with Manitoba Hydro International) to assess this system's resiliency to drought and to examine a range of infrastructure and rate-related options to improve this resiliency.
- **For the Province of New Brunswick and New Brunswick Power (2016-2017):** Senior advisor on Assessment of Socio-Economic Benefits of Expressions of Interest submitted under the Locally Owned Renewable Energy that is Small Scale (LORESS) Program to obtain 80 MW of new renewable generation capacity from Aboriginal Businesses and Local Entities.
- **For Chief Isaac Inc. (2016-17):** Project sponsor and senior advisor on economic and financial pre-feasibility assessment of North Fork Hydro Project in Yukon, working with Morrison Hershfield and KGS Group.
- **For Yukon Energy Corporation (2016):** Project sponsor and senior advisor on Resource Options Evaluation of potential power generation options (fossil thermal [including LNG], non-fossil thermal, storage battery, wind, solar, geothermal, and various hydro generation options) and transmission options to meet long-term grid load forecasts (2016-2035), against environmental, social and economic attributes, in association with EDI Environmental Dynamics, Ecofor Consulting and Campbells North Consulting.
- **For Yukon Energy (2016)**: Financial evaluation of geothermal resource options (working with KGS Group).
- **For Tolko Industries, Hudbay Minerals and Manitoba Hydro (2015-2016):** InterGroup Principal for concept study assessing natural gas fuel alternatives (LNG and CNG) for northern Manitoba.
- **For Saik'uz First Nation (2014-2015):** Provide financial and economic consulting services related to the ongoing discussions between the Saik'uz First Nation and Innergex regarding the

Nulki Hills Wind Project, including professional assistance and advice regarding the negotiation of a term sheet, and the review and negotiation of any purchase power agreement that Innergex would negotiate with BC Hydro for the sale and purchase of the power from the Nulki Hills Wind Project.

- **For Yukon and Alaska governments (2014-2015):** Participated in the management team responsible for planning study for Yukon and Alaska to provide Viability Analysis of a South-east Alaska and Yukon Economic Development Corridor, including viability assessment of transmission connection development options between Skagway and Whitehorse and related potential hydro developments in South-east Alaska.
- **For Casino Mining Corporation and Selwyn-Chihong Mining Ltd. (2014-2016, 2018):** Provide advice and assistance regarding the assessment and negotiation of agreements with potential liquefied natural gas (LNG) suppliers in British Columbia to these two separate proposed mine developments in Yukon. For Selwyn-Chihong Mining Ltd., provided initial assessments of LNG supply chain options, which was updated in 2018.
- **For Yukon Energy Corporation (2005-2014):** Project director for various strategic planning activities, including: preparation of Yukon Energy's 2006 20-Year Resource Plan Submission to the Yukon Utilities Board (provided expert testimony before the YUB) that lead to the Carmacks-Stewart Transmission Project and other developments. Senior advisor to 2007-2008 update team assessing near-term hydro generation enhancement options for potential in-service by 2012 (lead to selection of Mayo B Project, Gladstone, Atlin and Marsh Lake projects); overall strategic planning for development of the Carmacks Stewart Transmission Project and the Mayo B Hydro Enhancement Project; preparation of Yukon Energy's 2011 20-Year Resource Plan: 2011-2030 that reviewed a wide range of new resource options, including near-term liquefied natural gas development and long-term legacy hydro development planning; participation in Yukon Energy's Part 3 Application and review by the Yukon Utilities Board for the Whitehorse Diesel-Natural Gas Conversion Project.
- **For the City of Winnipeg and Neeginan Development Corporation (1998):** Project director responsible for preparation of the Development Plan for the Thunderbird House project on Main Street.
- **For Spirit of Manitoba Inc. and Manitoba Entertainment Complex Inc. (1994-1995**): Responsible for management of all aspects of a project to develop a new downtown entertainment complex and to retain the Winnipeg Jets Hockey Club in Winnipeg; managed the multi-disciplinary team carrying out negotiations, siting, design, costs, feasibility planning, environmental assessments, and other work required to secure approvals under tight deadlines specifically for the new arena component of the project.
- **For The Forks Renewal Corporation (a corporation owned by Canada, Manitoba and Winnipeg) (1987-1993):** Development Coordinator responsible for planning and directing initial development and financial activities, including negotiation of land exchange agreements, preparation of a Phase I Concept and Financial Plan, site planning and Stage One projects,

roads and services; ongoing financial and strategic planning counsel.

- **For the East Yard Task Force (comprised of the governments of Canada, Manitoba and Winnipeg) (1985-1986):** General advisor and manager for all consultant work (planning and architectural, engineering, financial and legal) related to the redevelopment of a major rail yard area in downtown Winnipeg.
- **For Government of Yukon (Department of Economic Development, Mines & Small Business) (1985-1987):** Managed multi-disciplinary team carrying out financial, economic, legal and strategic planning work relating to the devolution and transfer to Yukon of the Northern Canada Power Commission assets and operations in Yukon; participation in all related negotiations.
- **For North Portage Development Corporation (1984-1987):** Economics and financial counsel during the initial development phase; coordinator for work relating to corporate financial plans, selection of major developers (retail, housing and office projects), and negotiation of long-term agreements (land lease, development and other related agreements) with each of the selected developers.
- **For Canadian Methanol Canadien (1980s):** Participation in an executive capacity in a partnership venture involving Inter-City Gas Corporation and The M100 Group to develop methanol vehicle fuel [management of multidisciplinary project team involving engineers, planners, financial, legal, and other professionals to demonstrate and develop hybrid (natural gas and wood feedstock) methanol production facilities, as well as different market uses for methanol (including use in flexible fuel passenger vehicles)].
- **For the Government of Canada (late 1970s):** Project director of a major multi-disciplinary study to examine the feasibility of producing liquid fuels (including methanol) from biomass feedstock resources throughout Canada; this study included examination of liquid fuel production options involving the joint use of either electricity or natural gas along with biomass feedstock. The multi-disciplinary consulting team included firms with chemical engineering and forestry expertise.

Socio-Economic and Environmental Assessment & Related Public Consultation – Hydro-electric, Mining, Forestry and Other Major Projects

- **For Yukon Energy (2016-Present):** Project Sponsor and senior advisor on Aishihik Hydro Relicensing Yukon Environmental and Socio-economic Assessment Act Project Proposal (project team with Morrison Hershfield); Yukon Energy working with Champagne and Aishihik First Nations).
- **For Yukon Government (2015-2016) (Alaska Highway):** Project Principal regarding development of an economic profile for the Alaska Highway.
- **For Yukon Energy Corporation (2015-2016):** Project Principal regarding Stewart Keno Transmission Project activities related to preparation of YEC Project Proposal Submission to the Yukon Environmental and Socioeconomic Assessment Board Executive Committee (project

team with Morrison Hershfield).

- **For Yukon Energy Corporation (2013-14):** Project Principal regarding support for Yukon Energy's Project Proposal Submission to the Yukon Environmental and Socio-economic Assessment Board Executive Committee, and the subsequent Part 3 Application and review by the Yukon Utilities Board, for the Whitehorse Diesel-Natural Gas Conversion Project; provision of expert testimony in the related Yukon Utilities Board hearing.
- **For Manitoba Hydro (1999-2014):** Study Leader responsible for socio-economic assessment and planning work in a multi-disciplinary Consultant Management Team retained to assist Manitoba Hydro in the conduct of the environmental assessment programs associated with future planning for three potential hydroelectric generating stations in northern Manitoba (Wuskwatim, Keeyask and Conawapa), including site selection and environmental assessments for the associated transmission facilities. Provided expert testimony before the Manitoba Clean Environment Commission on the Wuskwatim Generation and Transmission Projects EISs submitted by Manitoba Hydro and Nisichawayasihk Cree Nation. The Wuskwatim Generation and Transmission Projects have been constructed (the Wuskwatim Generation Project was developed by the Wuskwatim Power Limited Partnership of Nisichawayasihk Cree Nation and Manitoba Hydro). The Keeyask Project is currently under construction. Planning for the Conawapa Project is currently suspended.
- **For Yukon Energy Corporation (2008-2012):** Project Principal regarding 10+ MW Mayo B Hydro Enhancement Project activities related to preparation of YEC Project Proposal Submission to the Yukon Environmental and Socio-economic Assessment Board Executive Committee and the YEC Application to the Yukon Water Board, and related planning activities leading to construction of this project, including negotiation of Project Agreement with First Nation of Na-cho Nyak Dun, process to select and finalize Alliance construction contractor (Kiewit), preparation of Public Utilities Act Part 3 Application for Mayo B and provision of expert testimony on this Application to the Yukon Utilities Board, and participation in ongoing oversight of project implementation activities (the project came into service before the end of 2011).
- **For Manitoba Hydro (2011-2012):** Senior advisor regarding environmental assessment approach, including significance and cumulative effects assessment, for the EIS filing of the proposed Bipole III Transmission Project. Provided expert testimony on this project before the Clean Environment Commission.
- **For Yukon Energy Corporation (2005-2008):** Project Principal regarding 138 kV Carmacks-Stewart Transmission Project activities related to preparation of YEC Project Proposal Submission to the Yukon Environmental and Socio-economic Assessment Board Executive Committee, negotiation of purchase power agreement with mine customer to be served by this project and Project Agreement with three Northern Tutchone First Nations, provision of expert testimony on this project to the Yukon Utilities Board, and participation in ongoing oversight of project implementation activities (Stage 1 of this project came into service in late 2008, Stage 2 came into service in mid-2011).

- **For Manitoba Floodway Authority (2003-2005):** Senior advisor regarding environmental assessment and licensing activities of the proposed Red River Floodway Expansion Project. Provided expert testimony before the Manitoba Clean Environment Commission on EIA study approach, including cumulative effects assessment, regarding the Project EIS submitted by the Manitoba Floodway Authority.
- **For Yukon Energy Corporation (1992-2002):** Advisory reviews of environmental impact assessment work for re-licensing of the Aishihik hydro-generation facility and related expert testimony before the Yukon Territorial Water Board.
- **For uranium mining companies in northern Saskatchewan (1990s):** Project director for consultants regarding socio-economic impact assessment, economic impact and cost-benefit assessments, and public consultation design and implementation for the Rabbit Lake expansions (Cameco Corporation, 1991-1993), the McArthur River developments (Cameco Corporation, 1993-1996), the Cigar Lake developments (Cigar Lake Mining Corporation, 1993-1996), and the Rabbit Lake extension (Cameco Corporation, 1999-); provided related evidence and expert witness testimony for the Rabbit Lake federal environmental review panel hearing and the McArthur River developments federal-provincial environmental review panel hearings. Provided advisory review for InterGroup's similar socio-economic and economic impact assessments, and public consultation work for COGEMA related to Cluff Lake mine projects during this period.
- **For Cameco, Cigar Lake Mining Corporation and COGEMA (1993-1994):** Facilitated an agreement in principle for an impact management agreement involving seven Athabaska communities (this was one element of the socio-economic/public consultation EIS work related to the McArthur River and CLMC projects).
- **For Repap Manitoba, Inc. (1989-1991):** Project management of the socio-economic impact assessment, and design and implementation of an extensive public consultation program, for the proposed Phase 1 Manitoba expansion.
- **For aggregate producers in Ontario (1980s and early 1990s):** Socio-economic impact and resource policy evaluations relating to proposed aggregate developments in southern Ontario (Puslinch, Milton and Niagara Escarpment Planning Area); provision of resource economics expert testimony before the Ontario Municipal Board on behalf of TCG Materials Limited and on behalf of Armbro Aggregate.
- **For the City of Winnipeg (1990s):** Socio-economic impact assessment for the new Charleswood and Main/Norwood bridge developments (two separate assignments; provided advisory review for other InterGroup principals who directed this work, as well as assistance in coordination of hearing testimony for the regulatory review of the Charleswood bridge project).
- **For the Moosonee Development Area Board (early 1990s):** Socio-economic counsel in an intervention relating to potential impacts of Ontario Hydro's proposed hydro generation development of the Moose River Basin.
- **For Manitoba Hydro (late 1980s and 1990s):** Senior advisory review as required by other

InterGroup principals carrying out the following assignments: socio-economic impact assessment and public consultation program for the Conawapa hydro generating station EIS (1989-1993); socio-economic impact assessment and public consultation program for the Split Lake transmission line project (joint study with the First Nation, early 1990's); socio-economic impact assessment and public consultation program for the siting and the EIS related to the Winnipeg-Brandon transmission line and Neepawa substation projects (1995-1997); study to review environmental externality and compensation cost modeling for hydro-generation and related transmission line projects (1996-1997). Deputy Project Director for initial environmental assessments study for third Bipole Transmission Lines (1986-1987).

- **For Manitoba Hydro (early-to-mid 1980s)**: Various investigations with respect to the environmental and socio-economic impacts related to planning of new power generation projects in northern Manitoba, including deputy project director for the Burntwood River Environmental Overview Study (1980-1984), and review of InterGroup's work (carried out by senior staff) to prepare the socio-economic assessment and conduct public consultation for the Limestone hydro-electric generating station EIS.
- **For Alcan (early 1980s):** Managed investigations with respect to the socio-economic impacts of a proposed aluminium smelter in Manitoba.
- **For Key Lake Mining Corporation (early 1980s):** Provided expert testimony before the Commission of Enquiry on socio-economic impacts associated with the uranium project at Key Lake.
- **For Amok Ltd. (1977):** In the 1977 Saskatchewan hearings on uranium developments, provided expert testimony before the Bayda Commission of Enquiry on socio-economic impacts associated with the Amok mining project at Cluff Lake.

Other Strategic Planning and Assessment

- **For the Yukon Energy Corporation and the Yukon Development Corporation (1987-Ongoing):** Financial and strategic planning counsel on major issues, including rate policy planning (see also Utility Regulation), major capital planning issues (see also Socio-Economic and Environmental Assessment, and Strategic Planning), management agreement arrangements, negotiations in the 1990s between YEC and various owners of the Faro mine, negotiation in 2006-2007 of Power Purchase Agreement (PPA) with Minto Explorations Ltd. and ongoing activities to amend the Minto PPA and to negotiate PPAs with other mines (including Alexco Resource Corp. and in 2017-18 Victoria Gold Corp.) and related PPA review and approval proceedings by the Yukon Utilities Board, and review of OIC rate policies and related experience and practice in other Canadian jurisdictions.
- **For Manitoba Hydro (1999-early 2000s):** Assistance on various matters, including policy reviews related to debris management programs and planning related to US market consultations.
- **For the Northern Manitoba Economic Development Commission (1991-1992):** Participation in the preparation of two reports, contributing to the Commission's Sustainable

Economic Development Plan for Northern Manitoba for the 1990s.

- **For Regional Municipality of Ottawa Carleton (RMOC) during the 1990's:** Economic assessments of options to extend the life of the Trail Road Landfill site.
- **For Metropolitan Toronto (late 1980's):** Economic analysis of the best available technology for the utilization of the landfill gas resources at the Keele Valley Landfill site.
- **For a western energy company (early 1990's):** Preparation of a Cost-Benefit Analysis of a 160 MW co-generation project, assessment of the implications of the project for Manitoba Hydro, and participation in the discussions between the company and Manitoba Hydro.
- **For Western Economic Diversification (late 1980's):** Assessment of Winnipeg tri-government development corporation cash flow scenarios.
- **For the Government of Manitoba during the late 1980's and early 1990's:** Advice and assistance in the preparation of proposal calls for the redevelopment of a historically significant site in Winnipeg, as well as participation in the developer selection and negotiation process.
- **For the Canadian Electrical Association in the late 1970's:** Management of interdisciplinary team investigations with respect to the impacts of proposed federal atmospheric emission control guidelines on Canadian electrical generating industry thermal power stations.

Compensation & Monitoring Related to Resource Project Impacts

- **For Tsay Keh Dene First Nation (2001-2009):** Expert socio-economic and resource economics assistance with respect to settlement negotiations concluded with BC Hydro and the Province of British Columbia relating to impacts on the Tsay Keh Dene First Nation from the Williston Reservoir developments in the 1970s (AIP reached in 2006); related advice regarding the Peace Water Use (WUP) process and contracting arrangements for Tsay Keh WUP reservoir-related contracts with BC Hydro.
- **For Kwadacha First Nation (2001-2008):** Expert socio-economic and resource economics assistance with respect to settlement negotiations concluded with BC Hydro and the Province of British Columbia relating to impacts on Kwadacha First Nation from the Williston Reservoir developments in the 1970s (AIP reached in 2006; Final Agreement reached in 2008).
- **For Manitoba Hydro in the 1990's:** Expert socio-economic and resource economics assistance with respect to claims by the community of South Indian Lake (early 1990's) and by Northern Flood Agreement communities, including the Cross Lake First Nation (1999-Present), related to post-project development impacts from hydroelectric power development.
- **For uranium mining companies (1999):** Project director for the preparation of a draft work plan for a community vitality monitoring program for northern communities in Saskatchewan affected by uranium mining development; the work plan requirement arose out of federal-provincial environmental impact panel hearings on the McArthur River and Cigar Lake mining projects; the work plan was prepared for a working committee with representatives from the three uranium mining companies (Cameco Corporation, COGEMA, and Cigar Lake Mining

Corporation), the Saskatchewan Northern Mines Monitoring Secretariat, and the northern Saskatchewan Health Districts.

- **For BC Hydro (early 1990's):** Evaluation of a trust fund proposed to compensate five Lillooet Nation Bands for damages from hydroelectric generation and transmission activities.
- **For the Beaufort Sea Steering Committee (early 1990's):** Review of wildlife compensation program options in the event of an oil spill in the Beaufort Sea.
- **For Manitoba Hydro (1989-1990):** Project management of an independent post-project evaluation of the Grand Rapids Project impacts on Aboriginal communities, including direction of the socio-economic component of the evaluation.

Resource Rent, Royalty and Tax Policy – Related Expert Evidence

- **For Grand River Enterprises (GRE) Six Nations Ltd. (2013-2016):** Analysis of economic impacts of GRE manufacture on a First Nation reserve of unmarked tobacco products and sale of such products on other First Nation reserves in Ontario, and the impacts of Ontario Tobacco Quota regulation.
- **For Regional Municipality of Ottawa Carleton (RMOC) in the mid-1990's:** Expert resource and regulatory economist evidence before the Ontario Municipal Board on By-Law 234/92, which imposed compensation payments on private landfill operators in the Region.
- **For a group of pipeline companies in Ontario (1989-1992):** Assistance with coordination of expert evidence in an arbitration, and provision of expert evidence on methodology to determine annual rent for pipeline use of a transmission corridor owned by Ontario Hydro.
- **For Sun Oil in the 1970's:** Counsel on preparation of a brief to the Government of Canada on the proposed Federal Land Regulations for Oil and Gas Lands.
- **For the Canadian Potash Producers' Association in the 1970's and early 1980's:** Expert assistance with taxation discussions with Saskatchewan authorities, analysis of the proposed government takeover of the potash industry, and liaison with legal counsel.
- **For the Uranerz-Inexco joint venture in the 1970's:** Participation in discussions between the Saskatchewan Government and the uranium industry concerning uranium taxation revisions; provided economic counsel for these discussions.
- **For the Mining Association of British Columbia in the 1970's:** Expert testimony before the Commission of Enquiry into property taxation in that province.
- **For the Mining Association of Canada in the 1970's:** Preparation of analytical models for comparison of different mineral taxation structures.
- **For Canadian Industrial Oil and Gas Ltd. in the 1970's:** Analysis of the public policy aspects of Saskatchewan Bill 42 relating to taxation (advice to legal counsel related to a court case).

InterGroup CONSULTANTS

RESEARCH PAPERS:

- "The Process of Urbanization in Canada, 1600-1961." Simon Fraser University (M.A.) Thesis. 1968.
- "Technological Change and the Economics of Agricultural Development." Simon Fraser University (M.A.) Thesis. 1968.
- "Economic Analysis of Short-Term Alternatives Regarding Southern Indian Lake in Manitoba" (joint work with Dr. A.M. Lansdown, P.Eng., 1969).
- "A New National Development Policy for Canada: The Relevance of Western Canada." Prepared for the Liberal Conference on Western Objectives. 1973.
- "Canada's Gains and Losses from Oil Export Taxes" (joint work with Dr. R.W. Fenton, 1973).
- "Resource Management Factors Influencing Mineral Development in North Central Canada." Paper presented to the annual western meeting of the Canadian Institute of Mining and Metallurgy, Winnipeg, October 7, 1974.
- "Energy, Provincial Rights and Canadian Unity." 1973.
- "An Evaluation of 'An Energy Policy for Canada' " (joint work with Dr. R.W. Fenton, 1973).
- "Resource Management Factors Influencing Manitoba Mining." Natural Resources Institute, University of Manitoba. 1974.
- "Liquid Fuels from Renewable Resources in Canada: Systems Economic Studies." Paper presented to the Institute of Gas Technology Symposium on Energy from Biomass and Wastes, Washington, DC. August 1978.
- "Canadian Scenario for Methanol Fuel." Paper presented to the Alcohol Fuels Technology Third International Symposium, California, January 1979.
- "Socio-Economic Impacts from Potential Canadian Methanol Fuel Development." Paper presented to the IV International Symposium on Alcohol Fuels Technology, Brazil. October 1980.
- "Canadian Methanol Development Using Natural Gas and Wood Feedstocks." Paper presented to the First IEA Conference on New Energy Conservation Technologies and their Commercialization, Berlin. April 1981.
- "Methanol as an Alternative Automotive Fuel: CMC's Approach and Experience." Paper presented to the West Coast International Meeting of the Society of Automotive Engineering, Vancouver, BC. August 1983.
- "Status of CMC Fuel Methanol Production and Market Development Programs." Paper presented to the VI International Symposium on Alcohol Fuels Technology, Ottawa. May 21-25, 1984.

- "Diesel & Thermal Electricity Generation Options." Background Paper for Yukon Energy Corporation Energy Planning Charrette, Whitehorse, March 6-9, 2011. Related presentations at the Energy Charrette: "Loads and Role of Diesel" and "Thermal Generation Options".
- "LNG - Transition Fuel Option for Yukon." Paper presented at Yukon Energy LNG Workshop, Whitehorse, January 18, 2012.

InterGroup CONSULTANTS

MONA POLLITT-SMITH

PRINCIPAL AND CONSULTANT



AREAS OF EXPERIENCE:

- Utility Regulation
- Resource Planning and Project Development
- Environmental and Economic Impact Assessments

EDUCATION:

- University of Manitoba, Faculty of Law LL.B., 2003
- University of Manitoba, Bachelor of Arts (Honours History), 1998

PROFESSIONAL EXPERIENCE:

InterGroup Consultants Ltd., Winnipeg, Manitoba
2005 – Present – Research Analyst / Research Consultant / Consultant / Principal

Utility Regulation

- **For Yukon Energy Corporation (2006-Present):** Project manager and lead consultant for a number of regulatory filings before the Yukon Utilities Board, including coordinating and assisting with preparation of application filing documents, interrogatories, and hearing preparation, argument and reply for the following major filings:
    - Yukon Energy General Rate Applications in 2008/2009, 2012/13, and 2017/18; and the 2009 Phase II Rate Application.
    - Yukon Energy interventions in Yukon Electrical Company Limited General Rate Applications in 2008/2009, 2013/15 and 2016/17.
    - Yukon Utilities Board Part 3 need for and alternatives hearing reviews for the Whitehorse Diesel-Natural Gas Conversion Project; the Mayo Hydro Enhancement Project (Mayo B) and the Carmacks-Stewart Transmissions Project (CSTP).
    - Assistance with paper regulatory filing processes and other related matters as required, including the 2014 DCF & ERA Application process, the 2011 Rider F Policy filing and review process, 2017 Victoria Gold Power Purchase Agreement (PPA) application, 2010 Alexco PPA application and Minto PPA application.

- **For the Saskatchewan Rate Review Panel (2013-Present):** Assistance with technical review and preparation of the consultant's report for the Panel's review of SaskEnergy delivery and Rate applications. Since 2016, Principal leading technical review and preparation of a consultant's report for Panel's review of SaskEnergy delivery and commodity rate applications, including review of the 2016 Application, the 2017 Application and the 2018 Application.
- **For the British Columbia Utilities Commission (BCUC) (2015):** Research and advice related to regulatory matters including policies for regulatory approval of recognition of regulatory accounts in comparable jurisdictions.
- **For Manitoba Industrial Power Users Group (MIPUG) (2005-2011):** Project manager for the following MIPUG interventions in proceedings before Manitoba Public Utilities Board: the 2008 General Rate Application hearing; the 2008 Energy Intensive Industrial Rate Application hearing, and the 2006 Cost of Service hearing.

Resource Planning and Project Development

- **For Nihtat Corporation and Nihtat Energy (2018-Present)**: Project principal on business case assessments and development planning, including federal funding submissions and coordination with technical and legal team participants, for specific Nihtat residential solar net metering and commercial solar projects in Inuvik and other northern locations, and biomass heating projects for GNWT buildings in Inuvik and other Beaufort Delta communities.
- **For Gwich'in Council International (2016-2018)** – Project Principal on study by Gwich'in Tribal Council funded by INAC, with participation of GNWT and others, on fossil fuel use and costs (and options to reduce this use) for power generation, heating and transportation in Inuvik region communities. Prior to this study, Project Principal to Gwich'in Council International on study to document true cost of fossil fuel generation in selected off grid communities in N.W.T, Nunavut and Yukon, and to define Power Purchase Agreement and ownership options as part of a plan whereby the Indigenous people of the North in off grid communities can take action to secure alternative energy sources to reduce current reliance on fossil fuels.
- **For Government of Northwest Territories (2017-2018) –** Advisor regarding the Inuvik wind design basis and performance specification works relating to the Inuvik High Point wind energy project, working with Nihtat Corporation (Project lead), Wood, Inuvik Engineering and Hemmera.
- **For Natural Resources Canada (NRCan) (2017)** – Advisor on study to summarize current challenges and opportunities associated with fuelling off-road mine haul trucks in Canada with natural gas.
- **For the Province of New Brunswick and New Brunswick Power (2016-2017)** – Project Principal on Assessment of Socio-Economic Benefits of Expressions of Interest submitted under the Locally Owned Renewable Energy that is Small Scale (LORESS) Program to obtain 80 MW of new renewable generation capacity from Aboriginal Businesses and Local Entities.
- **For Yukon Energy Corporation (2016):** Project Principal on Resource Options Evaluation of potential power generation options (fossil thermal [including LNG], non-fossil thermal,

storage battery, wind, solar, geothermal, and various hydro generation options) and transmission options to meet long-term grid load forecasts (2016-2035), against environmental, social and economic attributes, in association with EDI Environmental Dynamics, Ecofor Consulting and Campbells North Consulting.

- **For Casino Mining Corporation and Selwyn Chihong Mining Limited (2014-2016)**: Support and assistance with negotiation and review of supply contracts with LNG supplier.
- **For Saik'uz First Nation (2014-Present):** Support and assistance with negotiation of term sheet and other agreements with wind project developer.
- **For Yukon and Alaska governments (2014-2015):** Support and assistance for InterGroup's work on the planning study for Yukon and Alaska to provide Viability Analysis of a South-east Alaska and Yukon Economic Development Corridor.
- **For Yukon Energy (2005-2013):** Project manager and lead consultant on the 2011 5-Year Update to 20-Year Resource Plan. Support and assistance with negotiation and review of contracts and other agreements related to the Mayo Hydro Enhancement Project. Support and assistance with negotiation and review of Power Purchase Agreements with Victoria Gold Mine, Alexco Mine and with Minto Mine. Support and assistance with negotiation of Project Agreements with the Northern Tutchone First Nations (Carmacks-Steward Transmission Project) and Nacho Nyak Dun First Nation (Mayo Hydro Enhancement Project).

Environmental and Economic Impact Assessment

- **For Yukon Energy (2016-Present):** Project Principal for InterGroup's work on Aishihik Hydro Relicensing Yukon Environmental and Socio-economic Assessment Act Project Proposal, leading document development for YESAB Project Proposal Submission and socio-economic baseline and effects assessment (project team with Morrison Hershfield).
- **For Yukon Government (2015-2016)**: Lead consultant managing multi-discipline team regarding the development of an economic profile of the Alaska Highway.
- **For Yukon Energy Corporation (2005-2015):** Assistance with preparation of Project Proposal submissions to the Yukon Environment and Socio-Economic Assessment Board (YESAB) for the Stewart to Keno City Transmission Project (2015); the Whitehorse Diesel-Natural Gas Conversion Project (LNG Project) (2013); and the Carmacks-Stewart Transmission Project (2006) (CSTP), and with regulatory filings for the Mayo Hydro Enhancement Project (Mayo B), including the Yukon Water Board license amendment application.
- **For Manitoba Hydro:** Provided support for regulatory review processes for the Keeyask Generation Project and the Bipole III Project. Provided analysis regarding environmental assessment issues such as CEAA, scoping, significance methodology and review of the *Species at Risk Act*.

Public Interest Law Centre, Winnipeg, Manitoba
2003 – 2004 Articling Student

- Participated in the Clean Environment Commission hearing for Wuskwatim Generation Station and Transmission Project, including conducting cross-examination and providing the

Commission with written and oral submissions.

InterGroup CONSULTANTS

HAMID NAJMIDINOV

RESEARCH CONSULTANT



AREAS OF EXPERIENCE:

- Utility Regulation
- Financial & Economic Analysis, Projections
- Resource Planning Analysis

EDUCATION:

- Bachelor of Science (Economics), Fergana State University, 2000

PROFESSIONAL EXPERIENCE:

InterGroup Consultants Ltd., Winnipeg, Manitoba

2009 – Present – Research Analyst/ Research Consultant

- **For Qulliq Energy Corporation (2009-Present):** Actively involved in the preparation of Phase I and Phase II of 2010/11, 2014/15 and 2018/19 General Rate Applications, including preparation of sales and revenue forecast, revenue requirement, including fuel consumption, fuel price and fuel expense forecast, amortization and rate base schedules, territory-wide and community based Cost of Service analyses, rate design analysis with three rate options [territory-wide, capital zone based and community based] and rate schedules. Provided support in reviewing amortization studies [2010 and 2017] as part of rate applications. Actively involved in the preparation of Major Project Permit Applications for capital project and semi-annual Fuel Stabilization Rider Applications with analysis of actual fuel costs compared to the fuel cost included in the rates. Provide support in regulated and non-regulated return on rate base analysis for the Corporation; annual load and capacity forecast updates. Involved as a team member for development of long-term capital plan for 40 years.
- **For Yukon Energy Corporation (2009-Present)**: Provided support in preparation of 2009 GRA Phase II application (bill impacts analysis; cost of service review; revenue-cost ratio analysis) and actively involved in preparation of 2012/13 GRA Phase I application including preparation of sales and revenue forecast, revenue requirement, including fuel cost based on YECSIM runs, depreciation schedules under new rates based on new depreciation study, rate base and cost of capital schedules; provided support in preparation of 2017/18 GRA Phase I

application; support in budget planning and in preparation of regulatory reports; support in preparation of Yukon Energy's 2011 20-Year Resource Plan update (load forecast update; alternative generation benefit analysis); performed power benefit analysis for Mayo B and Mayo Lake projects; provided support in preparation and review process of Whitehorse Diesel-Natural Gas Conversion (LNG) project Part III application; support in Diesel Contingency Fund/ERA application and analysis. Economic assessment and evaluation of the reviewed resource options in YEC's 2016 Resource Options Evaluation.

- **For Northwest Territories Power Corporation:** Provide support in developing monthly load and revenue forecasts for budget planning; proposed territory-wide levelized rate structure analysis; cost of service comparison and rates analysis in other jurisdictions; potential mini-hydro projects benefit cost analysis. Provided support in preparation and hearing process for 2016-2018 GRA, including development load forecasts, regression analysis, fuel cost, revenue and shortfall estimates.
- **For Industrial Customers of Newfoundland and Labrador Hydro (2013-Present):** Review and provide support in analysis for Newfoundland and Labrador Hydro's 2013 GRA and Amended GRA with 2015 test year, including components of revenue requirement, cost of service, rate design, RSP, interim rate applications and other proposals; prepare requests for information, pre-filed evidence before the Board of Commissioners of Public Utilities, provide support in oral hearing processes; customer rate impact analysis and customer briefs. Provided support during the review of supply cost recovery application due to drought/low water levels. Provided support for Phase II review of energy supply and outages issues.
- **For Province of New Brunswick and New Brunswick Power (2016-2017):** Team member for assessment of Socio-Economic Benefits of Expressions of Interest submitted under the Locally Owned Renewable Energy that is Small Scale (LORESS) Program to obtain 80 MW of new renewable generation capacity from Aboriginal Businesses and Local Entities.
- **For Gwich'in Council International (2016-Present):** Support on work to document the true cost of fossil fuel generation in selected off-grid communities in N.W.T., Nunavut, and Yukon, and to define Purchase Power Agreement and ownership options as part of a plan whereby the Indigenous people of the North in off-grid communities can take action to secure alternative energy sources to reduce current reliance on fossil fuels. Beaufort Delta Off-Grid Fossil Fuel Costs Study.
- **For the Saskatchewan Rate Review Panel (2016-Present):** Assistance with technical review and preparation of the consultant's report for the Panel's review of SaskEnergy's 2016 Delivery and Commodity, and 2017 Delivery service rate applications, including review of the revenue requirement, load forecast, cost of service analysis, rate proposals and impact to customers..
- **For Nelson Hydro (2014; 2016; 2017):** Review revenue requirement allocations to Urban and Rural systems and develop system allocation factors using capital and O&M costs; develop a Cost of Service model for each system; rate analysis; review profit margins and return on equity for comparable municipality owned utilities across Canada; prepared report. Cost of

Service update for 2015. Support in application before BCUC.

- **For City of Penticton (2015; 2016; current):** Utility rate review for electric, water and sewer utilities, including review and development revenue requirement for each utility focusing on reduced impact to customers from capital projects and phase-in options for other cost components; load forecasts for each utility; developed a Cost of Service model and rate design with phase-in rate options, involved in preparation presentation to the Council and report. Updates to the sewer utility rate design.
- **For City of Penticton (2017):** Stormwater utility rate review, including review and development revenue requirement and rate options with phase-in.
- **North Salt Spring Waterworks District (2016):** Parcel Tax Reform. The assignment includes review of the existing parcel tax structure, review parcel tax structure in the other water districts and peer municipalities, development of new parcel tax structure including rate impact and phase in options.
- **Economic Profile of Alaska Highway – Yukon Government (2015):** Perform financial and quantitative data analysis for economic profile of the Alaska Highway, including impact to Yukon economy and economic sectors.
- **Financial Evaluation for ranking of Geothermal Renewable Energy Options – Yukon Energy through KGS Group (2016):** Perform financial evaluation analysis for geothermal renewable energy options.
- **For Manitoba Hydro – Keeyask Generation Project:** Provided support for the socio-economic impact assessment; KCN communities Population Projection Model support and updates; project employment estimates analysis; Northern Aboriginal employment estimates, including modelling based on employment demand and supply analysis and updates; project construction employment income analysis.
- **For Viability Analysis of a South-East Alaska and Yukon Economic Development Corridor (2014):** Perform financial and quantitative data analysis and modelling assessments as required to assess the viability of the Skagway-Whitehorse economic development corridor options under relevant load and resource project scenarios, analysis for viability of the transmission corridor.
- **Natural Resources Canada, Natural Gas as a Fuel for Mine Haul Trucks Study (2017):** Member of the study team to review current challenges and opportunities associated with fuelling mine haul trucks with natural gas in Canada, estimates of potential fuel use demand by mine haul trucks by province and by sector, review available fuel switch technologies, scenario assessments for natural gas use as well as reduction in GHG emissions; summary conclusions and recommendations for future work.
- **For Tolko Industries, Hudbay Minerals and Manitoba Hydro (2015-2016):** Provided support for concept study assessing natural gas fuel alternatives (LNG and CNG) for northern Manitoba.

- **For UCA Alberta (2016-current):** Provided support as required in review of AltaLink 2017/18 GTA depreciation matters.
- **For Hualapai Tribe, US (2017-current):** Member of the team to review rate options for the Tribe to develop utility that provides services to the tribe members.
- **For North Fork Hydro (2016-2017):** Provided support in financial analysis for the potential small hydro project in Yukon, including levelized cost of energy and potential financing options
- **Cap and Trade (2015):** Review current cap and trade practices in other jurisdictions for potential impact to the industrial companies in Manitoba.
- **Renewable energy rate setting (2016):** Review Feed-in tariff rate setting methods in Canada as well as in some States in the USA for renewable energy power purchase agreements in Newfoundland and Labrador.