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Pacific Economics Group Research, LLC

March 5, 2019

Guy Sarault
Bissonnette Fortin Giroux
490 Laviolette
St-Jérôme, Qc
Canada J7Y-2T9

RE: Hydro Quebec Transmission, Proceeding 4058-2018

Billing for professional services rendered through February 2019 in accordance with the agreement between l'Association Québécoise des Consommateurs Industriels d'Electricité (AQCIE) and Pacific Economics Group Research, LLC.

Fees and Expenses through February 2019 \$ 130,883.36 (CAD)

TOTAL AMOUNT DUE \$ 130,883.36 (CAD)

Please Make Checks Payable To:

Pacific Economics Group Research, LLC
44 E. Mifflin Street
Suite 601
Madison, WI 53703

Privileged and Confidential

Pacific Economics Group Research, LLC
Professional Fees and Expenses

l'Association Québécoise des Consommateurs Industriels d'Electricité (AQCIÉ)

Through February 2019

Professional Fees:		Hours	Rate	Amount
Review Evidence and Prepare Interrogatories				
Mark N. Lowry President	Background research	15.25	\$350	\$ 5,337.50
	Supervise empirical work	5.50	\$350	\$ 1,925.00
	Prepare Information Requests to HQT	4.50	\$350	\$ 1,575.00
David Hovde Vice-President	Project review and transmission database	51.50	\$250	\$ 12,875.00
	Background research and data for Kahn X factor	10.25	\$160	\$ 1,640.00
Matt Makos Consultant	Assist with Interrogatories	6.50	\$160	\$ 1,040.00
Zachary Legge Economist II	Empirical work	19.00	\$160	\$ 3,040.00
				\$ -
Gretchen Waschbusch Office Manager	Assist with interrogatories	2.50	\$140	\$ 350.00
Subtotal - Research & Interrogatories to HQT				\$ 27,782.50
Prepare Evidence (October-November)				
Mark N. Lowry President	Prepare report	65.25	\$350	\$ 22,837.50
	Supervise empirical work	3.75	\$350	\$ 1,312.50
David Hovde Vice-President	Transmission empirical work	32.75	\$250	\$ 8,187.50
				\$ -
Matt Makos Consultant	Assist with evidence	75.25	\$160	\$ 12,040.00
Zachary Legge Economist	Assist with empirical work	52.00	\$160	\$ 8,320.00
Gretchen Waschbusch Office Manager	Assist with edits to evidence	19.25	\$140	\$ 2,695.00
Jennie Deuster-Loesch Consultant	Assist with citations	0.50	\$125	\$ 62.50
Rebecca Kavan Intern	Assist with translation of HQT's filing	3.00	\$125	\$ 375.00
Sakshi Singh Intern	Assist with empirical research	7.00	\$125	\$ 875.00
Subtotal - Prepare Evidence				\$ 56,705.00
Respond to Information Requests (December)				
Mark N. Lowry President	Prepare responses to interrogatories	13.50	\$350	\$ 4,725.00
Matt Makos Consultant	Assist with draft responses	13.00	\$160	\$ 2,080.00
Zachary Legge Economist II	Assist with responses regarding the service quality incentive mechanism	13.00	\$160	\$ 2,080.00
Gretchen Waschbusch Office Manager	Assist with responses	1.75	\$140	\$ 245.00
Subtotal - IR Responses				\$ 9,130.00
Hearing Preparation, Travel, and Oral Testimony (January)				
Mark N. Lowry President	Prepare for oral testimony, travel to Montreal, attend hearing, and testify ¹	73.50	\$350	\$ 25,725.00
Matt Makos Consultant	Witness preparation and listen to hearing and respond to requests for clarification	24.25	\$160	\$ 3,880.00
Zachary Legge Economist II	Empirical research on transmission productivity	8.00	\$160	\$ 1,280.00
Gretchen Waschbusch Office Manager	Assist with hearing presentation	6.75	\$140	\$ 945.00
Subtotal - Hearing Preparation & Oral Testimony				\$ 31,830.00
Project Administration (September - January)				
Mark N. Lowry President	Fill out timesheets, review invoices, and plan for trip to Montreal	2.25	\$350	\$ 787.50
Gretchen Waschbusch Office Manager	Arrange travel, prepare expense reports and invoices	2.25	\$140	\$ 315.00
Subtotal - Project Administration				\$ 1,102.50
Total Fees through February				\$ 126,550.00
Expenses:				Amount
Travel Expenses for Mark Lowry (Jan 15-23, 2019) ¹				\$ 4,333.36
Total Expenses				\$ 4,333.36

CAD

TOTAL FEES AND EXPENSES DUE: **\$ 130,883.36** CAD