

150 Isabella St., Suite 605, Ottawa, ON, CANADA K1S 1V7
• T 613-736-9077 • TF 1-866-522-6742 • F 613-736-8938
www.cansia.ca

Nov 1, 2016

### **COPY FILED VIA EMAIL AND COURIER**

Board Secretary,
Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, Suite 2700
Toronto, Ontario M4P 1E4

Attn: Kirsten Walli, Board Secretary

Re: Rate Design for Commercial and Industrial Customers

(Board File No. EB-2015-0043)

Please find attached the Canadian Solar Industries Association's cost award claim for participation within the EB-2015-0043 process.

Yours truly,

Ben Weir

Director of Policy and Regulatory Affairs Canadian Solar Industries Association

CC: John Gorman, President & CEO, Canadian Solar Industries Association Wes Johnston, Vice President, Canadian Solar Industries Association All Parties (via email)

## Ontario Energy Board COST CLAIM FOR CONSULTATIONS



## **Affidavit and Summary of Fees and Disbursements**

This form should be used by a party (defined in the Practice Direction on Cost Awards as including a participant in a consultation process) in a consultation before the Board to identify the fees and disbursements that form the party's cost claim. Paper and electronic copies of this form and itemized receipts must be filed with the Board and served on one or more other parties as directed by the Board in the applicable Board Notice of Hearing for Cost Awards. Please ensure all required fields are filled in and the Affidavit portion is signed and sworn or affirmed.

		Inst	ructions			
	out is indicated by yellow-sha	ded fields. For	mulas are present in the	document to assist with the cal	culation of	
the cost claim.						
- All claims must be	- All claims must be in Canadian dollars. If applicable, state exchange rate and country of initial currency.					
	Rate: Country:  - A separate "Statement of Disbursements Being Claimed" is required for each consultant or lawyer/articling student/paralegal.					
•			15		aralegal.	
	"Statement of Fees Being Cla			Disbursements		
	vering the whole of the party ust be supported by a comple			of the party		
				en provided to the Board in ano	ther	
process within the			oonsanani, a or nas see	an provided to the Board in the	errer	
•		tice Direction	on Cost Awards, itemize	d receipts must be provided.		
File # EB- <u>2015</u>	-0043		Process: Rate Desig	n for Commercial Industrial	Customer:	
Party: Cana	dian Solar Industries Asso	ociation	Affiant's Name	: Ben Weir		
HST Number:	10686 6973	RT0001	HS	Rate Ontario: 13.00%		
	Full Registrant	[J]	Qualifvi	ng Non-Profit		
	Unregistered	一	7	Tax Exempt		
	Other			Tax Exempt		
4-4-4-	Other					
		Af	fidavit			
l,	Ben Weir		, of the City/Town of	Toronto		
in the Province/	State of		Ontario	, swear or affirm that:		
4 1		/41 11D111			t	
•	•			edge of the matters attested to		
				attached "Summary of Fees and f Disbursements Being Claimed		
				ees Being Claimed" and "Statem		
	-			ne purposes of the Party's partic		
	Board process referred to al		,,,,		··•	
			time spent, by a person t	hat is an employee or officer of	the Party	
as described in sect	ions 6.05 and 6.09 of the Bo	ard's Practice D	irection on Cost Awards.			
2						
Mon	1110000		'			
Signature of Aff	iant			,		
Sworn or affirm	ed before me at the Cit	y/Town of	TORONTO	,		
in the Province/	State of	V	, on	Nov. 1, 2016		
				(date)		
1-	· · · · · · · · · · · · · · · · · · ·					

Commissioner for taking Affidavits David Alexander Torchetti, a Commissioner, etc., Province of Ontario, while a Student-at-Law. Expires April 14, 2018.

## Ontario Energy Board COST CLAIM FOR CONSULTATIONS fidavit and Summary of Foos and Disbursor



## **Affidavit and Summary of Fees and Disbursements**

File# EB-	2015-0043	Process:	Rate Design 1	for Commercial	l Industrial	Customers
			•			

Party: Canadian Solar Industries Association

	Summary of Fees and Disbursements Being Claimed	
Legal/consultant fees	\$4,370.00	
Disbursements	\$0.00	
HST	\$568.10	
Total Cost Claim	\$4,938.10	Contract Con

## **Payment Information**

Make cheque payable to: Canadian Solar Industries Association

Send payment to this address: 150 Isabella Street

Suite 605

Ottawa, ON, K1S 1V7

**Detail of Fees and Disbursements Being Claimed** 

## **Statement of Fees Being Claimed**

Statement of Fees being claimed for Eligible Activity is found on the second tab of this workbook.

## Statement(s) of Disbursements Being Claimed

Statement of Disbursements being claimed is found on the third tab of this workbook.

## Ontario Energy Board COST CLAIM FOR CONSULTATIONS



## Affidavit and Summary of Fees and Disbursements

Name: Travis Lusney		_	
Counsel/Articling Student/Paralegal: Analyst/Consultant:		Year Called to Bar	Completed Years Practicing/Years of Relevant Experience 10
CV attached:	<b>7</b>	CV not required:	
Name:			
Counsel/Articling Student/Paralegal: Analyst/Consultant:		Year Called to Bar	Completed Years Practicing/Years of relevant experience
CV attached:		CV not required:	· ·
Name:	···		
		 Year Called to Bar	Completed Years Practicing/Years of relevant experience
Counsel/Articling Student/Paralegal: Analyst/Consultant:			·
CV attached:		CV not required:	
lame:		*	
Counsel/Articling Student/Paralegal:		Year Called to Bar	Completed Years Practicing/Years of relevant experience
Analyst/Consultant:			
CV attached:		CV not required:	<u>.</u>
lame:		– Year Called	Completed Years Practicing/Years of relevant
Counsel/Articling Student/Paralegal: Analyst/Consultant:		to Bar	experience
CV attached:	<u> </u>	CV not required:	



File # EB-

2015-0043

**Process** 

Rate Design for Commercial Industrial Cu

Party

**Canadian Solar Industries Association** 

HST Rate: 13%

13%

		Group Meeting on Aug 4, 2016 Eligible	Group Meeting on Aug 18, 2016 Eligible	Group Meeting on Aug 26, 2016 Eligible	Review and comment on Staff Discussion Paper Eligible	Meeting on Jun 2, 2016 Eligible			
Individual Whose Fees are Being									
Claimed	Hourly rate	Up to 3.75 hours	Up to 3.75 hours	Up to 3 hours	Up to 20 hours	Up to 3 hours	Subtotal	HST	Total
Travis Lusney	\$230.00			1.50	17.50		\$4,370.00	\$568.10	\$4,938.10
19							\$0.00	\$0.00	\$0.00
							\$0.00	\$0.00	\$0.00
							\$0.00	\$0.00	\$0.00
							\$0.00	\$0.00	\$0.00

Totals:

\$4,370.00 \$568.10

Total legal/consultant fees: \$4,938.10



File # EB- 2015-0043		Process:	: Rate Design for Commercial Industrial Custome			
Party:	Canadian Solar Industries Association		,			
Name of in	dividual whose disbursements are being cla	iimed:				
				HST Rate Ontario:	13.00%	

	Net Cost	HST	Total
Scanning/Photocopy	·	\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		\$0.00	\$0.00
Taxi		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
			10 mg 18 mg 18 Mg 18 mg
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

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File# EB-	2015-0043	Process:	Rate Design for Commercial Industrial Custome
Party: Canadian Solar Industries Association			
Name of in	dividual whose disbursements are being cla	aimed:	
			HST Rate Ontario: 13.00%

	Net Cost	HST	Total
Scanning/Photocopy		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		\$0.00	\$0.00
Тахі		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00



File # EB-	2015-0043 Pro		: Rate Design for Commercial Industrial Custom		
Party: Canadian Solar Industries Association		•			
Name of in	dividual whose disbursements are being cla	aimed:			
		•	HST Rate Ontario: 13.00%		

	Net Cost	HST	Total
Scanning/Photocopy .		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air	·	\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		\$0.00	\$0.00
Тахі		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:	·	\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

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File# EB-	2015-0043	Process:	Rate Design for Commercial Industrial Custo			
Party:	Canadian Solar Industries Association		· · · · · · · · · · · · · · · · · · ·			
Name of in	dividual whose disbursements are being cla	aimed:				
			HST Rate Ontario: 13.00%			

	Net Cost	HST	Total
Scanning/Photocopy		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier	·	\$0.00	\$0.00
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air	•	\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):	•	\$0.00	\$0.00
Parking		\$0.00	. \$0.00
Taxi		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:	·	\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

## **Ontario Energy Board COST CLAIM FOR CONSULTATIONS**



## **Statement of Disbursements Being Claimed**

File # EB-	2015-0043	Process:	Rate Design for Commercial Industrial Custome
Party:	Canadian Solar Industries Association	•	
Name of in	dividual whose disbursements are being cla	aimed:	·
			HST Rate Ontario: 13 00%

	Net Cost	HST	Total
Scanning/Photocopy		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		\$0.00	\$0.00
Taxi		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
TOTAL DISBURSEMENTS:	\$0.00	\$0.00	\$0.00

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October 26, 2016

Wes Johnston Canadian Solar Industries Association 150 Isabella Street, Suite 605 Ottawa, ON, K1S 1V7

Dear Mr. Johnston,

This represents Power Advisory's summary of services for October 2016 for OEB-Dx Rates for Industrial and Large Volume Commercial Customers. I have included an invoice which provides details of the services provided.

<b>Total Professional Fees</b>	\$ 4,370.00
HST 81338 8691 RT0001 @ 13%	\$ 568.10
Amount Invoiced (Payment Requested):	\$ 4,938.10

Please call if you have any questions regarding this invoice.

Please make the check payable to Power Advisory LLC and send to the address below.

Best Regards,

Jason Chee-Aloy Managing Director



## **Invoice**

Date

Invoice:

10/26/16

16-1054

Bill to:

Wes Johnston Canadian Solar Industries Association 150 Isabella Street, Suite 605 Ottawa, ON, K1S 1V7

Contract:

Item	Date	Description	Qty	Rate	Amount
TL	26-Aug	Attend OEB Group Meeting (Generators) with CanSIA and	1.50	230.00	345.00
		APPrO .			
TL	2-Apr	Review of OEB Staff Paper on C/D Distribution Rate Design	2.00	230.00	460.00
E		options			
TL	6-Apr	Internal call on OEB C/I Discussion Paper and modeling	3.00	230.00	690.00
		different rate design concepts			
TL	7-Apr	Internal call on OEB C/I Discussion Paper and review	1.00	230.00	230.00
ŀ		modeling of different rate design concepts			
TL	17-Apr	Summary of draft work plan for C/I distribution rate changes	2.00	230.00	460.00
		OEB staff discussion paper			
TL	12-May	Call with Ben Weir (CanSIA) to discussion C/I Dx Rate	0.50	230.00	115.00
		approach for CanSIA members		,	
TL	13-May	Conference Call with CanSIA C/I Dx Rate Design working	1.00	230.00	230.00
		group for submission plan			.
TL	20-May	Review and prepare deck on C/I Dx rates design for Ben Weir	2.00	230.00	460.00
		(CanSIA) and working group			
TL.	20-May	Conference call with CanSIA Dx Rate Working Group	1.00	230.00	230.00
TL	26-May	Review of draft C/I Dx Rates version 1 and participate in	3.00	230.00	690.00
		working group conference call			
TL	27-May	Review of draft C/I Dx Rates version 3 and call with Ben Weir	2.00	230.00	460.00
		(CanSIA) to discuss recommended edits			}
ST					4,370.00
HST		HST 81338 8691 RT0001 (13%)			568.10
					4,938.10



## **Travis Lusney**

Travis Lusney
Director

Power Advisory LLC 55 University Ave., Suite 605 Toronto, ON M5J 2H7 Cell: 647-680-1154

tlusney@poweradvisoryllc.com

#### **Professional History**

- Ontario Power Authority
- Hydro Ottawa Limited

#### Education

- Queen's University, MSc Electrical Engineering, 2007
- Queen's University, BSc Electrical Engineering, 2004

Mr. Lusney is a Professional Engineer (P.Eng) with 10 years of experience working in both the commercial and regulated areas of the electricity sector. Mr. Lusney is a knowledgeable industry leader with a focus on generation development, market assessment, policy analysis, business strategy, and risk mitigation. Mr. Lusney is a former distribution and transmission planner with a deep expertise in power system planning and resource integration.

Mr. Lusney joined Power Advisory after a position as the Senior Business Analyst of Generation Procurement at the Ontario Power Authority, where he was responsible for management and development of the Feed-In Tariff program. Prior to joining Generation Procurement, Mr. Lusney worked as a Transmission Planner in Power System Planning at the Ontario Power Authority where he was actively involved in regional transmission planning, bulk system analysis and supporting system expansion procurements and regulatory procedures. Mr. Lusney also worked for Hydro Ottawa Limited as a Distribution Engineer responsible for reliability analysis, capital budget planning, power system planning, and project management.

### PROFESSIONAL EXPERIENCE

## Strategic Investment and Risk Assessment

- » Developing an Ontario generation supply outlook to determine future resource needs and related future procurement processes with consideration for power system expansion. The power system outlook considered key areas of risk assessment, supply development scenarios, investment opportunities based on connection capability and project economics.
- » Advising generation developers on new competitive procurement processes and determining strategy to help ensure successful participation while reduce exposure to risk. Participated in consultation and stakeholder engagement as an expert in transmission planning, procurement design, and proposal bid development.
- » Working with renewable energy developers (mainly wind and solar PV) to plan, construct and successfully reach commercial operation for projects with long-term. Work includes assessment of project risk, investment opportunities, development strategy, solutions for connection issues and advice for securing construction approvals and permits.

- » Analyzed the Long-Term Transmission Plan (LTP) for Alberta and developed a comprehensive forecast of Capital Expenditures over the planning time period (2014-2032). The forecast includes an estimate of Development Capital Expenditures by project and region over the three time periods considered in the LTP. Estimated Capital Expenditures for General Plant and Sustainment based on the growth expectations of Alberta's transmission rate base. The analysis provides a detailed view of the long term trend for capital investment in Alberta's transmission system and includes an alternative scenario for lower economic growth and oil sand development.
- » Primary consulting resource for CanSIA's Distributed Generation Task Force (DGTF). The DGTF objective included developing a customer based generation model for solar generation after the conclusion of the Feed-In Tariff (FIT) program in Ontario (post-FIT solution), to identify transitional changes to the existing FIT program to support the post-FIT solution and to support solar market growth in the long-term. Responsible for jurisdictional review to identify best practices for customer based solar generation, technical and policy analysis to support the post-FIT solution and development of recommendation report and accompanying communication plan with key stakeholders.
- » Co-leader of Solar Development Evolution Working Group which has participation and support from key solar PV project developers, EPC firms, asset operators and owners. The mandate of the working group was to develop policy for a long-term customer centric procurement approach for solar PV generation and identify priorities for transition of the existing FIT program.
- » Modeling procurement mechanics and Ontario system characteristics for renewable energy developers to establish a strategic direction for successfully securing power purchase agreements. This work included modeling connection capability within both the distribution and transmission system and assessing attrition risk of currently contracted and under development projects.
- » Working with manufacturers of solar PV and wind generation components regarding strategic advice and solutions to meet Provincial content requirements and ultimately increase their market share.
- » Completed due diligence on project economics, connection capability and estimated generation operating performance for wind and solar PV developers as part of strategic acquisitions.
- » Constructed a quantitative project attrition model for projects with FIT PPAs to determine opportunities for future investment for clients. The model determined probabilistically which contracted FIT projects were at risk of failing to reach commercial operation and identify where new connection capacity would become available.

## Generation Resource Procurement and Contracting

- » Worked as the Renewable Electricity Administrator in Nova Scotia responsible for the developing and administrating a Request For Proposal (RFP) process to procure over 300 GWh of low impact renewable energy. The process included engagement with stakeholders, development of an RFP document and Power Purchase Agreement and filing the Power Purchase Agreement for regulatory approval with the Nova Scotia Utility and Review Board On August 2nd 2012, after completing the evaluation of all 19 proposals that were submitted, the process successfully concluded with the execution of 355 GWh of contracted facilities.
- » Provided support to Non-Utility Generators (NUGs) in negotiations with the Ontario Power Authority for extension of existing Power Purchase Agreement. Support included economic dispatch analysis, development of net revenue requirement pro formas to determine contract value, leading negotiation and providing strategic advice.

- » Technical expert for procurement participation for a variety of resource developers including renewables and energy storage. Provided detailed analysis and assessment of procurement process and documentation including strategy for development of proposed projects to maximize opportunities within the Request For Proposal (RFP) and Contract in the multiple procurement processes.
- » Responsible for development and ongoing management of the standard offer Feed-In Tariff program for Renewable Energy. Involved with a wide range of stakeholders including project developers, manufactures, investors, regulatory agencies and Government. Analyzed ongoing project costs and market rates to update and maintain Feed-In Tariff price assumptions. This work included analysis of supply chain evolution, equipment providers capability and assessment of project economics.
- » Involved in domestic content development within the Feed-In Tariff program as chair of the Domestic Content Working Group. Advised and clarified expectations for project developers and manufactures in understanding the domestic content requirements.

### **Transmission System Planning**

- » Provided strategic advice and power system analysis to generation development clients on connection capability of proposed generation projects. Assisted clients in determining optimal project location and estimation of connection cost for different interconnection options.
- » Assisted in leading engagement with distributors, transmitters and system operators for variety of clients. Engagement included determining interconnection options, assessing connection risks and establishing timelines and milestones to support overall project development.
- » Supported analysis for the Integrated Power System Plan (IPSP) dealing with bulk and regional system considerations, including reliability assessment. Developed regional integrated plans for constrained areas. Lead stakeholder consultation with local distribution companies, regulatory agencies, transmitters and local government officials to develop 10 to 20 year plans and activity coordination.
- » Represented through expert evidence and testimony the Utility Consumer Advocate Alberta during Transmission Rate Tariff hearing in front of the Alberta Utility Commission as an expert witness on transmission planning and cost allocation.
- » Advised and supported a major gas generation procurement for the Province of Ontario. Work included analysis of regional power system needs and constraints. Assisted in the development of evaluated criteria considerations.
- » Developed procedures and policy for system connection assessment under the Feed-In Tariff program, in particular lead the development of the Transmission Availability Test (TAT) and Distribution Assessment Test (DAT) used to assess connection capability. Oversaw development of custom database to support the connection assessment process and coordination with over 80 local distribution companies. Managed staff for regional system analysis as part of the Feed-In Tariff program to determine connection capability for contract awards.
- » Lead a study on Distributed Generation impacts and opportunities in the major urban centers as part of a long term energy plan. Lead analysis on behalf of the Ontario Power Authority to determine the distribution generation potential in Central and Downtown Toronto along with the associated cost to develop the distributed generation resources. Worked closely with the local distribution companies, city officials and key stakeholders in understanding specific and general barriers and benefits.

#### Distribution Reliability and Planning Assessment

- » Developed capital work planning process for Asset Management department to ensure accountability and situation and issue identification. Lead the development of the capital budget and work plan for all distribution projects including a 25 year capacity plan for Distribution rate filing. Oversaw capital project tracking and reporting metrics to ensure accountability and transparency for senior management requirements
- » Managed reliability statistical reporting as part of regulatory requirements and senior executive requests. Involved in evolution of information gathering methods and worst feeder identification. Lead reliability engineer working closely with planning, design and construction personnel in identifying issues and resolution members. Chair of the asset management committee which oversaw the expectations of future capital sustainment work and associated risk levels
- » Involved in the development of the distribution and station asset management plan as key support for current and future Distribution Rate filing.

#### **Selected Speaking Engagements**

- » Solar Ontario 2016: Moderator for panel on Ontario Electricity Market Renewal Implications for Solar Generation, May 2016
- » Clean Energy BC BC Generate 2015: Panelist on Overview of Canadian Renewable Energy Markets, November 2015
- » CanWEA 2015: Panel Member on Wind Generation Integration in Canadian Wholesale Electricity Markets, October 2015
- » Solar Ontario 2015: Panel Member on Lessons Learned for the Large Renewable Procurement, May 2015
- » Green Profit 2015: Plenary Panel Member on The Future is Now: The Economic Case for Renewables, March 2015
- » CanSIA's Solar Canada 2014: Panel Member on Setting Precedents for the Future of Solar Distributed Generation Utility Programs, December 2014
- » CanSIA's Solar Ontario 2014: Moderator on Balancing Supply: A look inside Ontario's Electricity System during Peak Demand on July 17, 2013, May 2014
- » CanSIA's Solar Ontario 2013: Presenter and Moderator on Electricity Consumer Empowerment Enabling Distributed Solar Power Generation, May 2013
- » Ontario Feed-In Tariff Forum: Panel Member on Barriers to Connection Solar Projects at the Local Level, April 2012
- » EUCI's 3rd Annual Conference on: Ontario's Feed-In Tariff, June 2011
- » 4th International Conference on Integration of Renewable and Distributed Resources, Albuquerque, December 2010
- » OSEA Community Power Conference, November 2010

### List of Expert Testimony

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