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Frank D'Andrea

Vice President
Regulatory Affairs

BY COURIER

August 27, 2018

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

Dear Ms. Walli,

EB-2018-0218 – Hydro One Sault Ste Marie (“HOSSM”) - Submission of CV and Expert Attestation

Hydro One Sault Ste Marie (“HOSSM”) recently filed a request for a Revenue Cap Index starting in 2019. In support of that request, HOSSM filed a study from Power Systems Engineering Inc. (“PSE”) on Recommended CIR Parameters and Productivity Comparisons as Exhibit D, Schedule 1, Tab 1, Attachment 1. The PSE study is authored by Steven Fenrick and Erik Sonju.

In the originally submitted evidence, the C.V. and Acknowledgement of Expert’s Duty for Steven Fenrick were filed with the study but they were inadvertently omitted for Eric Sonju. The documents for Mr Sonju are attached to this letter as an update to the submission.

Sincerely,

ORIGINAL SIGNED BY JEFFREY SMITH ON BEHALF OF FRANK D’ANDREA

Frank D’Andrea

Enc.

FORM A

Proceeding:.....

ACKNOWLEDGMENT OF EXPERT'S DUTY

1. My name is Erik S. Sonju.....(name). I live at Madison..... (city), in the Wisconsin..... (province/state) of the United States

2. I have been engaged by or on behalf of Hydro One Networks.....(name of party/parties) to provide evidence in relation to the above-noted proceeding before the Ontario Energy Board.

3. I acknowledge that it is my duty to provide evidence in relation to this proceeding as follows:
 - (a) to provide opinion evidence that is fair, objective and non-partisan;
 - (b) to provide opinion evidence that is related only to matters that are within my area of expertise; and
 - (c) to provide such additional assistance as the Board may reasonably require, to determine a matter in issue.

4. I acknowledge that the duty referred to above prevails over any obligation which I may owe to any party by whom or on whose behalf I am engaged.

Date 8-22-18.....

Erik S. Sonju
Signature

ERIK S. SONJU, P.E.

PRESIDENT

SUMMARY OF EXPERIENCE AND EXPERTISE

- Consultant in the electric utility sector helping clients analyze and develop strategic decisions around industry best practices, policies, standards, and contracts.
- Principal engineer for electric power studies and design projects.
- Instructor for professional development courses.
- Expert witness in regulatory hearings and civil trials.
- Licensed Professional Engineer in 20 states.

PROFESSIONAL EXPERIENCE

Power System Engineering, Inc. – Madison, WI (2006-present)

President (2018-present)

Active consultant to PSE clients in areas of expertise. Responsible for the day-to-day operations of PSE.

Executive Vice President (2017-2018)

Executive for PSE business operations and active consultant to PSE clients.

Vice President – Power Delivery Planning and Design (2010 - 2017)

Responsible for PSE's efforts in electric transmission and distribution studies and planning, substation design, transmission line design and distribution line design. Other responsibilities include overseeing system protection and coordination studies, system operations and maintenance support, distributed energy resource studies and design, and specialty studies of electric power systems.

Leader of System Planning and Line Design (2008 – 2010)

Senior engineer and leader of system planning and line design. Emphasis included short range and long range system planning studies, distributed generation system impact studies, system protection studies, and expert testimony in regulatory proceedings associated with engineering analysis used for State Commission and FERC filed tariffs. Other responsibilities included distribution and transmission line design.

Leader of System Planning (2006 – 2008)

Senior engineer and leader of distribution system planning projects.

Great Lakes Energy – Boyne City, MI (2001-2006)

System Engineer and Manager of Engineering

Heartland Engineering Services – Rockford, MN (1999-2001)

System Engineer

United Services Group – Elk River, MN (1997-1999)

Planning Engineer

EDUCATION

North Dakota State University, Fargo, ND

Bachelor of Science in Electrical Engineering with Emphasis in Power Systems, 1997

University of Nebraska, Lincoln, NE

NRECA Management Internship Program, 2006

Numerous technical and business continuing education courses focusing on issues and topics within the power industry.

TRAINING SEMINARS AND CONFERENCE PRESENTATIONS

- Instructor for professional development courses in the areas of:
 - Distribution System Planning
 - Distribution System Protection and Sectionalizing
 - Power Quality
 - Electric Power Line Design
 - Post Construction Inspections
- Industry conference presentations on:
 - Distribution Independent System Operators
 - Distributed Energy Resource Interconnection and Integration
 - Aging Electric Utility Infrastructure
 - Economic Conductor Analysis
 - Mechanical Loading of Overhead Electrical Equipment on Wood Poles
 - Application of Series Capacitors on Distribution Systems
 - Application of Shunt Reactors on Distribution Systems
 - Impact of Electric Motors, Drives, and Phase Converters on Distribution Systems
 - Substation Protection Considerations
 - National Electric Safety Code Rules and Requirements Pertaining to Communication Attachments on Power Supply Structures.

STATES LICENSED AS PROFESSIONAL ENGINEER

Arizona	Indiana	Montana	South Dakota
Arkansas	Iowa	Nebraska	Texas
Colorado	Kansas	New Hampshire	Virginia
Florida	Michigan	New Mexico	Wisconsin
Illinois	Minnesota	Ohio	Wyoming

EXPERT WITNESS AND TESTIMONY

<u>Utility / Entity</u>	<u>Jurisdiction Body</u>	<u>Case No.</u>	<u>Description</u>	<u>Year</u>
Chevron Pipe Line Company	United States District Court of Utah, Central Division	2:12-cv-00287	Industry expert on behalf of plaintiff in the matter of electrical damage to an oil pipeline. Included expert report and deposition.	2016-17
Lorain-Medina Rural Electric Cooperative	State of Ohio Median County Common Pleas Court	15CIV0749	Industry expert on behalf of defendant in the matter of the application of an electric rate schedule dispute. Included expert report and deposition.	2014-16
Toronto Hydro-Electric System Limited	Ontario Energy Board	EB-2015-0173	Industry expert on behalf of Toronto Hydro. Developed filed report regarding the variance of forecasted vs. actual expenditures associated with an OEB approved 2012-14 Incremental Capital Module request.	2015-16
Toronto Hydro-Electric System Limited	Ontario Energy Board	EB-2014-0116	Industry expert on behalf of Toronto Hydro. Developed filed report regarding independent review of the cost to serve developed environments including core downtown areas. Followed by oral testimony.	2014-15
Crow Wing Power	State of Minnesota District Court - Cass County	Court File No: 11-CV-12-1670	Testimony on behalf of defendant in the matter of a stray voltage lawsuit. Specific evidence related to conditions of underground distribution cable running adjacent to a dairy farm.	2013-14
MidAmerican Energy Company	State of Iowa District Court - Polk County	Law No. CL 114962	Industry expert on behalf of defendant providing engineering analysis showing the probable cause of failure of a 161kV transmission structure while under construction. Included affidavit of the analysis results and deposition.	2013
Toronto Hydro-Electric System Limited (THESL)	Ontario Energy Board	EB-2012-0064	Written and oral testimony regarding the replacement of aging electric infrastructure in the matter of THESL's application for 2012, 2013, and 2014 IRM Rate Adjustments and ICM Rate Adders	2012

<u>Utility / Entity</u>	<u>Jurisdiction Body</u>	<u>Case No.</u>	<u>Description</u>	<u>Year</u>
Governor Dannel P. Malloy's Two Storm Panel	State of Connecticut	N/A	Expert witness presentation to Governor Malloy's Two Storm Panel regarding distribution system reliability in the aftermath of Tropical Storm Irene and 2011 Halloween nor'easter snow storm.	2011
Mid-Kansas Electric Company	Kansas Corporation Commission	09-MKEE-969-RTS	Written expert rebuttal testimony on certain aspects of transmission and sub-transmission losses applied in proposed open access transmission tariffs and local access charges.	2009