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**Joanne Richardson**  
Director – Major Projects and Partnerships  
Regulatory Affairs

BY COURIER

September 25, 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-2017-0182/EB-2017-0194/EB-2017-0364 – Hydro One Networks Inc.’s Combined Oral Hearing Witness Curricula Vitae**

Pursuant to Procedural Order No. 6, please find enclosed the Curricula Vitae for Hydro One Networks Inc. witnesses in the combined oral hearing scheduled for October 2,3,4,9,11 and 12, 2018.

Hydro One intends to have one panel, consisting of:

- Aaron Fair, Real Estate
- Andrew Spencer – Project Management, Engineering & Construction
- Angel Pinto – Engineering & Construction
- Christine Goulais, Indigenous Relations
- Elise Croll, Environmental Services
- Robert Reinmuller – System Planning
- Sanjiv (Sonny) Karunakaran – Engineering & Construction

An electronic copy of this has been filed through the Ontario Energy Board’s Regulatory Electronic Submission System (RESS).

Sincerely,

ORIGINAL SIGNED BY JOANNE RICHARDSON

Joanne Richardson

## **CURRICULUM VITAE OF AARON FAIR**

### **EDUCATION**

#### **University of Guelph**

Guelph, Ontario (2010)

Bachelor of Commerce, Housing and Real Estate Management

#### **University of British Columbia**

Vancouver, British Columbia (Part-time Studies: 2011 – Ongoing)

Accredited Appraiser, Canadian Institute Designation

### **INDUSTRY EXPERIENCE**

#### **2015 – Present: Hydro One Networks Inc.**

Senior Real Estate Coordinator, Facilities & Real Estate

#### **2012 – 2015: Hydro One Networks Inc.**

Real Estate Coordinator, Facilities & Real Estate

#### **2010 – 2012: Hydro One Networks Inc.**

Graduate Trainee, Facilities & Real Estate, First Nation and Metis Relations (Asset Management Line Sustainment)

## **CURRICULUM VITAE OF ANDREW SPENCER**

### **EDUCATION**

**Queen's University**  
Kingston, Ontario (2002)  
Bachelor of Applied Science, Electrical Engineering

### **INDUSTRY EXPERIENCE**

**2002 – Present: Hydro One Networks Inc.**

2017 - Present Vice President, Transmission & Stations  
2009 - 2017 Vice President, Engineering  
2017 - 2017 Director, Engineering Services  
2014 - 2017 Sr. Manager, Stations Sustainment Investment Planning  
2011 - 2014 Manager, Investment Integration & Maintenance Planning  
2009 - 2011 Manager, Maintenance Technical Services  
2002 - 2006 Maintenance Engineer/Specialist, Maintenance Technical Services

### **APPEARANCE(S) BEFORE THE ONTARIO ENERGY BOARD**

EB-2014-0140: 2015 & 2016 Transmission Revenue Requirement & Rates Application - Stakeholder Presentation for Settlement  
EB-2012-0031: 2013 & 2014 Transmission Revenue Requirement & Rates Application  
EB-2010-0002: 2011 & 2012 Transmission Revenue Requirement & Rates Application

## **Curriculum Vitae**

**For**

**Angel Pinto**

Angel Pinto has 20 years of diversified service experience in power utilities and industrial companies' settings. He has experienced with systems ranging from 60 kV to 735 kV AC and upto 500 kV DC, using PLS-CADD, PLS-Pole and PLS-Tower. He worked in projects for various utilities in Canada, USA and Venezuela such as AltaLink, BC Hydro, Hydro Québec, Newfoundland Hydro, Hydro One, Pacific Corp, Electricidad de Caracas, Edelca, Cadafe, etc.

In addition to his design experience, he is responsible for the Transmission Line and Civil disciplines which main responsibilities is to strategize the functioning and growth of the disciplines in view of the present and future workloads and to ensure that assigned project goals and objectives are met in a timely manner, and at the level of quality as demanded by the organization. In business development, he prepared numerous proposals for worldwide transmission line and substation projects financed by various multilateral financial institutions, governments and private companies.

### **EDUCATION**

1998 Bachelor of Engineering (Electrical), Universidad Simón Bolívar, Caracas, Venezuela

### **EXPERIENCE**

**2011 to Present      SNC-LAVALIN, Montreal, Quebec, Canada**

*Manager of Transmission Lines and Civil Department (2014 to present)*

Management and delivery of Transmission Line and Civil projects.

*Senior Transmission Line Engineer (2011 – 2014)*

Development of detail engineering of Transmission Line projects from 60 kV to 735 kV AC and upto 500 kV DC. Perform inspection and testing of equipments and materials in factory.

**2005-2011      ELECTRIFICACION DEL CARONI (EDELCA.), Caracas, Venezuela**

*Project Engineer (2005 – 2011)*

Design and project management of Transmission Line projects from 13,8kV until 765kV. Perform inspection and testing of equipments and materials in factory. Acted as Team Leader in the absence of the designated engineer.

**2003-2005      AES CORPORATION (C.A. LA ELECTRICIDAD DE CARACAS), Caracas, Venezuela**

*Maintenance Engineer*

Coordination and supervision of the Transmission Lines maintenance activities of the power utility, C.A. La Electricidad de Caracas, C.A.

**2002-2003      PRECELCA USA CORP., Florida, United States of America**

*Electrical Project Manager*

Responsible of the Design, supervision and coordination of electrical Projects (Home Automation, LAN Network and Security Systems).

**2000-2002      PRECELCA, Caracas, Venezuela**

*Project Manager*

Coordination and supervision of the maintenance of distribution aerial and underground Lines of the power utility, C.A. La Electricidad de Caracas, C.A.

**1998-2000      IPOCEM C.A., Caracas, Venezuela**

*Project Engineer*

Design and Project Management of Transmission Line projects 115kV until 400kV for the power utility C.A.D.A.F.E.

## **CURRICULUM VITAE OF CHRISTINE GOULAIS**

### **EDUCATION**

#### **University of Toronto**

Toronto, Ontario (2006)

Master of Social Work, Specialization in Social Justice and Diversity

#### **University of Ottawa**

Ottawa, Ontario (2004)

B.A. Honours, Psychology

### **INDUSTRY EXPERIENCE**

#### **2010 – Present: Hydro One Networks Inc.**

2012 - Present Senior Manager, Indigenous Relations

2010 - 2012 Senior Advisor, First Nations and Metis Relations

#### **2008 – 2010: Ministry of Community Safety and Correctional Services**

Senior Policy Advisor, Aboriginal Policy and Coordination Unit

#### **2006 – 2008: Ministry of Health and Long Term Care**

Policy Analyst, Aboriginal Health Strategy Unit

### **APPEARANCE(S) BEFORE THE ONTARIO ENERGY BOARD**

EB-2017-0364 Hydro One Networks Inc. LSL Project Motion by NextBridge. Technical Conference on the Motion, May, 2018.

## CURRICULUM VITAE OF ELISE CROLL

### EDUCATION

**McMaster University**  
Hamilton, Ontario (1995)  
Honours Bachelor of Science

### PROFESSIONAL REGISTRATION

Association of Professional Geoscientists of Ontario  
Qualified Person (Ontario Regulation 153/04 under Environmental Protection Act)

### INDUSTRY EXPERIENCE

**2016 – Present: Hydro One Networks Inc.**

Director, Environmental Services

**2012 – 2016: Metrolinx/GO Transit**

Director, Environmental Programs and Assessment

**2007 – 2012: Infrastructure Ontario/Ontario Realty Corporation**

2009 - 2012      Manager, Environment and Heritage

2007 - 2009      Environmental Specialist

**1999 - 2007 Terrapex Environmental Ltd.**

2001 - 2007      Project Manager

1999 - 2001      Project Scientist

**1997 - 1999 Conor Pacific Environmental Technologies Inc.**

Project Scientist

**1997 Environmental Software Associates**

Compliance Software Planner

**1996**                    **O'Connor Associates Environmental Inc.**  
Environmental Field Technician

**1995**                    **Severn Sound Remedial Action Plan**  
Environmental Field Technician



## **CURRICULUM VITAE OF ROBERT REINMULLER**

### **EDUCATION**

#### **University of Toronto**

Toronto, Ontario (1997)

Power Systems Engineering (Assessed between Master's and Bachelor's Degrees)

#### **Polytechnic University of Timisoara**

Timisoara, Romania (1991)

Bachelor of Power Systems Engineering

### **PROFESSIONAL REGISTRATION**

Professional Engineers Ontario

### **INDUSTRY EXPERIENCE**

#### **2007 – Present: Hydro One Networks Inc.**

2017 - Present Director, System Planning

2013 - 2017 Senior Manager, Grid Operations

2009 - 2013 Grid Operations Manager, Control Room

2007 - 2009 Grid Operations Outage Planning Engineer, Network Management Operations

#### **1999 - 2007 K-Line, Toronto**

Project Development Engineer / Project Manager

#### **1997 - 1999 Celestica Inc., Toronto**

Failure Analysis Team Leader

#### **1996 - 1997 Ultinet Computers, Toronto**

Computer Technician

#### **1984 - 1996 Works and Utilities, Romania**

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Curriculum Vitae  
Robert Reinmuller  
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1991 - 1996	Electrical Utility Manager
1984 - 1991	Automation Electrician

## **INDUSTRY REPRESENTATION**

IEEE, Senior Member  
NERC Planning Committee  
NPCC Taskforce for Coordination of Operations

**Curriculum Vitae**  
**For**  
**Sanjiv (Sonny) Karunakaran**

Mr. Sanjiv (Sonny) Karunakaran has over 20 years of experience in the management and delivery of projects across the globe, within the Power and Infrastructure sectors. Mr. Karunakaran has a proven track record of working effectively with diverse groups of people to resolve issues quickly and deliver projects on time and on budget. He joined SNC-Lavalin in 2010 as Director of Engineering and has since held positions as VP Engineering, VP Marketing and Proposals and presently is the VP Transmission & Distribution, overseeing the Clean Power T&D Operations globally.

**EDUCATION**

- 1995 Bachelor of Engineering (Electrical) Honours, University of New South Wales, Australia
- 1992 Bachelor of Science (Computer), University of New South Wales, Australia

**EXPERIENCE**

**2010 to Present          SNC-LAVALIN, Toronto, Ontario, Canada**

*Vice President, Transmission & Distribution (2017 to present)*  
Accountability for global T&D Operations

*Vice President, Marketing & Proposals (2015 – 2017)*  
Overseeing the front end sales activities associated with the T&D business unit.

*Vice President, Engineering (2011 – 2015) / Director of Engineering (2010 – 2011)*  
Long and medium term strategic planning for the Engineering department to support the projects being executed by the T&D business unit in multiple operating regions

**2006-2010 UNITED GROUP INFRASTRUCTURE PTY LTD. / UGL CANADA INC.  
(formerly UNITED KG PTY LTD.), Australia/Canada**

*Design Manager / Support Services Manager (2006 – 2008)*

Development and delivery of wastewater and water infrastructure projects under an alliance contracting framework

*Engineering and Business Development Manager (2008 – 2010)*

Establishment of UGL Canada Inc. Development of foundation contract for UGL Canada Inc. with ATCO Electric to deliver transmission systems in Alberta under an alliance framework in conjunction with Balfour Beatty.

Engineering and Business Development activities to grow the infrastructure business for UGL in Canada, including the delivery of substation projects for British Columbia Transmission Corporation.

**2004-2006 BARCLAY MOWLEM LTD., Australia**

*Electrical Project Engineer*

Management and delivery of projects in the water and mining sector across Australia

**2002-2004 UNITED KG PTY LTD. (formerly KILPATRICK GREEN PTY LTD.),  
Australia**

*Project Engineer / Project Manager*

Management and delivery of a number of projects in the Power and Water sectors across Australia.

**2001-2002 KIER INTERNATIONAL LTD., Romania**

*Mechanical & Electrical Manager*

Provided water supply systems to remote rural villages in six counties of Romania; delivered a total of 103 schemes under this program of works

**1995-2001 KILPATRICK GREEN PTY LTD., Australia**

*Design Engineer / Site Engineer*

Design, construction, supervision and commissioning of a range of projects in the Water and Power sectors across Australia and South-East Asia.