**TORONTO** 

Corpora ion

# **ENERGIZING**<sup>EX35.14</sup> **GROWTH** AND **INNOVATION**

2017 ANNUAL REPORT



FROM THE CHAIR OF THE BOARD, AND PRESIDENT AND CHIEF EXECUTIVE OFFICER

We're pleased to present Toronto Hydro's 2017 Annual Report, which we've titled *Energizing Growth and Innovation*. The title reflects the corporation's commitment to effectively and sustainably power the growth of Toronto, and to employ innovative approaches across our business to meet the city's evolving needs. In 2017, we continued to invest in and maintain the city's electricity system, while also focusing on new ways to safely store and distribute power to Canada's largest city.

**PRIORITIZING EMPLOYEE AND PUBLIC SAFETY** – Ensuring the safety of our employees and the public is our number one priority. In 2017, we were recognized again as one of Canada's safest employers, receiving the 2017 Canadian Electricity Association President's Award of Excellence for Employee Safety. We also continued with our efforts to increase the electrical safety knowledge of our customers to help keep them safe.

Our commitment to safety extends to emergency preparedness. Internally, we continued to implement our Grid Emergency Management program established in 2014 to help improve our response to extreme weather events. As part of our commitment to mutual assistance, we also deployed mutual aid resources to four American utilities following severe weather events.

**DELIVERING CUSTOMER VALUE** – Customer service and delivering customer value is a core part of how we do business, and we believe that openness and transparency is an important part of serving our customers better. To that end, we launched a Customer Value Scorecard that we publicly release on our website every quarter, and introduced Customer Advisory Panels to help align our approach with the needs and preferences of our customers. We also offered our customers enhanced tools and services to help make doing business with us simple, easy and convenient. This included the launch of **PowerLens®**, a new platform that shows customers how their homes use electricity so they can take steps towards saving. In recognition of our customer service initiatives, we were awarded the 2017 Customer Service award by the Ontario Energy Association.

Helping our customers save electricity and better manage their bills remains one of our biggest priorities. In 2017, our CDM programs led to an estimated energy savings of 353,000 MWh and reduced summer peak demand by 43 MW. We also assisted the government by implementing its Fair Hydro Plan developed to reduce electricity costs through a number of initiatives. For our most vulnerable residents, we continued to promote assistance programs such as the Low-Income Energy Assistance Program, the Home Assistance Program and the Ontario Electricity Support Program.

**PROGRESSIVE AND SUSTAINABLE SOLUTIONS** – To meet the challenge of growing electricity demand, we're focusing on innovative, integrated energy solutions to help us build the grid of the future. In 2017, we continued to monitor the world's first grid-scale pole-mounted energy storage system, which is showing promising results in the early stages of a pilot program. We also announced a collaboration with Metrolinx to build a battery energy storage system capable of providing backup and emergency power for the Eglinton Crosstown light rail transit (LRT) line.

We've been recognized as a Sustainable Electricity Company™ by the Canadian Electricity Association (CEA) since 2014, and we continue to pursue strategic projects to promote a sustainable future for Toronto. In order to encourage our employees to transition to electric vehicles (EVs), in 2017,

AS TORONTO
CONTINUES TO GROW,
WE'RE WORKING HARD
TO ENSURE THAT WE'RE
PREPARED TO MEET
OUR CITY'S
EVOLVING NEEDS.

we installed four charging stations at our location at 500 Commissioners Street. We also sponsored Plug'n Drive, a non-profit organization helping to accelerate the adoption of EVs, and powered two charging stations at the Plug'n Drive Electric Vehicle Discovery Centre in Toronto.

**INVESTING IN INFRASTRUCTURE RENEWAL** – We invested \$552.9 million primarily to renew our aging infrastructure to address service reliability, safety and customer service requirements. In addition, we invested approximately \$60 million in an upgrade to Hydro One's transmission grid serving the west end of the city, which is expected to benefit thousands of residents and businesses in Toronto. We also supported major capital investment projects across the city, including Metrolinx's Light Rail Transit (LRT) expansion and the City of Toronto's revitalization and relocation projects.

**STRONG FINANCIAL RESULTS** - Once again, Toronto Hydro had a highly successful year, resulting in a \$156.5 million net income after net movements in regulatory balances. Our strong 2017 results were a reflection of our commitment to customer service and operational excellence. We also received a \$250 million equity investment from the City of Toronto, and in connection with that investment, we declared the following dividends payable to the City and approved amendments to our Dividend Policy: an aggregate amount of \$75 million in respect of fiscal 2017, and in respect of fiscal 2018 and subsequent fiscal years, 60% of Toronto Hydro's immediately previous year's annual consolidated net income after net movements in regulatory balances.

We're proud of the advancements we made in 2017, and encourage you to read more about our accomplishments in the Progress section of this report.

On behalf of the Board of Directors and the senior management team, we thank our customers and stakeholders for their continued support of Toronto Hydro. We would especially like to thank all of our employees for their hard work over the past year. Toronto Hydro's accomplishments are a result of your determination, perseverance and dedication to this organization.

David McFadden

Chair

Anthony Haines

President and Chief Executive Officer



#### **Corporate Governance**

The Corporation has developed sound corporate governance practices. The Corporation's Board of Directors and management believe that strong corporate governance is essential for creating shareholder value and maintaining investor confidence.

#### **Board of Directors**

The Board of Directors of the Corporation is responsible for supervising the management of the business and affairs of the Corporation and, along with the subsidiary boards of directors, its subsidiary entities. The Board of Directors of the Corporation is composed of eight independent directors and three city councillors. All directors are appointed by the sole shareholder of the Corporation. The Board of Directors has four regularly scheduled meetings each year but meets as often as is necessary to fulfill its responsibilities to the Corporation.

The Board of Directors has put in place a system of corporate governance that meets the requirements of applicable provincial legislation and Canadian securities rules. As part of its ongoing commitment to good corporate governance, the Board of Directors operates in accordance with a board mandate, and its committees operate in accordance with committee charters, which are all reviewed and approved by the Board of Directors.

The members of the Corporation's Board of Directors as of December 31, 2017 are introduced here. The description indicates committee and subsidiary Boards of Directors' participation.

Effective January 1, 2017, the City, as the sole shareholder of the Corporation, re-appointed Councillor Paul Ainslie, Deputy Mayor Stephen Holyday (as the Mayor's designate), and Deputy Mayor Denzil Minnan-Wong to the Board of Directors for a term ending November 30, 2018, or until their successors are appointed.

Effective April 26, 2017, the City appointed Juliana Lam to the Board of Directors. The appointment is effective for a term ending April 26, 2019, or until her successor is appointed.

Effective December 10, 2017, the City re-appointed David McFadden, Brian Chu, Heather Zordel, the Honourable Howard Wetston, Senator, Mary Ellen Richardson, Michael Nobrega and Tamara Kronis to the Board of Directors for a term ending December 10, 2019, or until their successors are appointed.

#### Code of Business Conduct and Whistleblower Procedure

All employees, officers and directors of the Corporation and its subsidiaries are required to comply with the principles set out in the Code of Business Conduct and Whistleblower Procedure (the Code), which was implemented by the Corporation in 2003, and is reviewed, revised and approved by the Board from time to time. The Code provides guidance to all employees in situations of perceived conflict of interest. All employees, officers and directors of the Corporation and its subsidiaries are required to complete training in respect of the Code and attest to compliance with the Code upon commencement of employment and every three years thereafter. The Code provides for the appointment of an Ethics Officer and establishes a direct hotline to the Ethics Officer by which perceived violations of the principles set out in the Code may be reported, anonymously or otherwise. The Ethics Officer reports guarterly to the Human Resources and Environment Committee of the Board of Directors on the nature of complaints received and the Vice-President, Audit and Corporate Compliance, reports quarterly to the Audit Committee of the Board of Directors on matters related to audit and accounting. Where the complaint involves the conduct of a director or officer of the Corporation, the Ethics Officer is required to report it to the Chair of the Human Resources and Environment Committee, or, where such conduct relates to questionable auditing or accounting matters, to the Chair of the Audit Committee, who oversees the investigation of that complaint. A copy of the Corporation's Code of Business Conduct and Whistleblower Procedure is available on our website.

#### **Disclosure Policy**

The Board of Directors recognizes the importance of ensuring that communications to the public about the Corporation and its subsidiaries are timely, factual, accurate and are broadly disseminated in accordance with all applicable legal and regulatory requirements. To ensure consistent and appropriate disclosure practices, the Corporation has adopted a Disclosure Policy to govern the disclosure by its employees, officers and directors, and those specifically authorized to speak on Toronto Hydro's behalf. The Corporation has also established a Disclosure Policy Committee composed of senior executives to assist the Chair, the President and Chief Executive Officer, and other authorized spokespersons in making accurate, complete and timely disclosure. The composition and operation of the Disclosure Policy Committee, and its functional subcommittee, are established in the Disclosure Policy.

#### **Committees of the Board of Directors**

The Board of Directors believes that its ability to discharge its responsibilities is enhanced by the active participation of committees in the corporate governance process. Currently, there are three standing committees of the Board of Directors: Audit Committee, Corporate Governance and Nominating Committee, and Human Resources and Environment Committee. Each committee meets regularly throughout the year and provides a report at meetings of the Board of Directors on material matters considered by the committee.

#### CORPORATE GOVERNANCE CONTINUED

#### **Audit Committee**

The Audit Committee is responsible for overseeing the adequacy and effectiveness of financial reporting, accounting systems, internal financial control structures and financial risk management systems. The Audit Committee reviews the Corporation's and each of its subsidiaries' quarterly and annual financial statements, as well as financial statements prepared in connection with the requirements of applicable regulatory authorities, reviews the audit plans of the external auditors, oversees the internal audit of the Corporation, reviews and makes recommendations to the Board with respect to the payment of dividends or distribution of capital by the Corporation, and recommends the external auditor to the Board for appointment by the Corporation's sole shareholder.

#### **Corporate Governance and Nominating Committee**

The Corporate Governance and Nominating Committee is responsible for considering and making recommendations to the Board of Directors with respect to matters relating to the corporate governance of the Corporation and its subsidiaries, including board and committee composition and mandates, guidelines for assessing the effectiveness of the Board and its committees, and procedures to ensure that the Board of Directors functions independently from management.

As part of its governance function, the Corporate Governance and Nominating Committee reviews a skills matrix for all potential director candidates, which is then forwarded to the Corporation's sole shareholder by the Board of Directors. The Corporate Governance and Nominating Committee also nominates independent candidates for appointment to the Board of Directors of Toronto Hydro-Electric System Limited for approval by the Corporation's Board of Directors as required by the Affiliate Relationships Code. The Corporate Governance and Nominating Committee reviews and approves all orientation and education materials and programs for new and current directors undertaken by management. The Corporate Governance and Nominating Committee is also responsible for periodically reviewing reports on the activities of Toronto Hydro's corporate compliance and policy functions.

#### **Human Resources and Environment Committee**

The Human Resources and Environment Committee is responsible for reviewing and assisting the Board of Directors in overseeing the recruitment and assessment of the CEO and the compensation of the CEO, reviewing and approving the compensation of executive officers, reviewing and approving executive compensation disclosure under applicable securities laws, and reviewing and making recommendations to the Board of Directors regarding the compensation structure and benefit plans and programs of the Corporation and its subsidiaries. The Human Resources and Environment Committee is also responsible for reviewing and approving the parameters of collective bargaining negotiations, the oversight of health and safety related matters and processes, and the oversight of environmental related matters and processes of the Corporation and its subsidiaries.

# **BOARD OF DIRECTORS**



### David McFadden, Chair

- Counsel, Gowling WLG
- Former Member, Board of Trustees and Executive Committee, Gowling WLG
- Chair, 407 International Inc.
- Chair. PCI Geomatics Inc.
- Director and Former Chair, Ontario Energy Association
- Director, Cricket Energy Holdings Inc.
- Member, Energy Transformation Network of Ontario, Independent Electricity System Operator
- Member, Advisory Board of the MaRS Advanced Energy Centre
- Member, Board of Governors, York University
- Member, Council for Clean and Reliable Electricity
- Member, Law Society of Ontario
- Former Member, Ontario Government's Electricity Distribution Sector Review Panel
- Former Member, Ontario Government's Electricity Conservation and Supply Task Force
- Former Co-Chair, Electricity Transition Committee of the Ontario Government
- Former Chair, Ontario Centres of Excellence

#### **Committee Memberships**

- Ex-Officio Member, Audit Commitee
- Ex-Officio Member, Human Resources and Environment Committee
- Ex-Officio Member, Corporate Governance and Nominating Committee



### Brian Chu, Vice-Chair

- Partner, Bogart Robertson & Chu LLP
- Director, and Member of Safety Regulatory Affairs Committee, Technical Standards & Safety Authority
- Member, Canadian Tax Foundation
- Member, Law Society of Ontario
- Former Trustee and Chair, Centennial Centre of Science and Technology (Ontario Science Centre)
- Former Vice-Chair, Centennial College
- Former Chair, Board of Governors, Ontario College of Art and Design
- Former President, Laidlaw Foundation

#### **Committee Memberships**

- Human Resources and Environment Committee (Chair)
- Corporate Governance and Nominating Committee

#### **BOARD OF DIRECTORS** CONTINUED



#### **Councillor Paul Ainslie**

- City of Toronto Councillor, Ward 43 Scarborough East
- Chair, City of Toronto Government Management Committee
- Chair, City of Toronto Toronto Zoo Board of Management
- Member, City of Toronto Executive Committee
- Member, City of Toronto Scarborough Community Council
- Member, City of Toronto Toronto Public Library
- Member, Board of Directors of the Federation of Ontario Public Libraries
- Member, Canadian National Exhibition Association, Municipal Section
- Member, Board of Directors of Guild Renaissance Group
- Member, Board of Directors of the Ontario Good Roads Association
- Member, Toronto and Region Conservation Authority
- Former Co-Chair, Rouge Valley Health System Centenary Buy a Bed Fundraising Campaign
- Past Chair, Board of Directors of Haliburton Club

#### **Committee Membership**

Corporate Governance and Nominating Committee



# Deputy Mayor Stephen Holyday, Mayor's Designate

- Deputy Mayor, City of Toronto
- City of Toronto Councillor, Ward 3 Etobicoke Centre
- Chair, City of Toronto Audit Committee
- Vice-Chair, City of Toronto Employee and Labour Relations Committee
- Vice-Chair, City of Toronto Public Works and Infrastructure Committee
- Member, City of Toronto Etobicoke York Community Council
- Member, City of Toronto, George Bell Arena Nominating Panel
- Mayor's Designate, Board of Directors, Toronto Atmospheric Fund
- Member, Canadian National Exhibition Association, Municipal Section
- Member, Board of Directors, Hockey Hall of Fame
- Former Acting Manager and Manager, Service Management, Ontario Ministry of Energy

#### **Committee Membership**

Human Resources and Environment Committee



### **Tamara Kronis**

- Member of the Board of Directors, Toronto Hydro Energy Services Inc.
- Owner, Chief Goldsmith, Gemmologist and Jewellery Designer, Studio1098
- Member, Law Society of Ontario
- Former Legal Counsel, Vertex Customer Management/Vertex Outsourcing
- Former Associate Lawyer, Torys LLP
- Former Director of Advocacy, EGALE Canada
- Former Trial Assistant, United Nations (International Criminal Tribunal for the former Yugoslavia)
- Fellow, Canadian Gemmological Association
- Fellow, Gemmological Association of Great Britain

#### **Committee Membership**

• Corporate Governance and Nominating Committee (Chair)



### **Juliana Lam**

- Executive Vice-President and Chief Operating Officer, Chartered Professional Accountants of Ontario
- Former Executive Vice-President & CFO, Uranium One Inc.
- Former Senior Vice-President, Finance, Kinross Gold Corporation
- Former Chief Financial Officer, Nexans Canada Inc.
- MBA, CPA, CA and ICD.D designations

#### **Committee Memberships**

- Audit Committee
- Human Resources and Environment Committee

#### **BOARD OF DIRECTORS CONTINUED**



### **Deputy Mayor Denzil Minnan-Wong**

- City of Toronto Deputy Mayor
- City of Toronto Councillor, Ward 34 Don Valley East
- Chair, City of Toronto Civic Appointments Committee
- Chair, City of Toronto Striking Committee
- Chair, City of Toronto Employee and Labour Relations Committee
- Vice-Chair, City of Toronto Executive Committee
- Mayor's Designate, Waterfront Toronto Board
- Member, Toronto Transit Commission Board
- Member, City of Toronto Committee of Revision
- Member, North York Community Council
- Member, City of Toronto Debenture Committee
- Member, City of Toronto Corporations Nominating Panel
- Member, Law Society of Ontario
- Former Chair, City of Toronto Public Works and Infrastructure Committee
- Former Chair, City of Toronto, Economic Development Committee
- Former Chair, North York Community Council
- Former Member, City of Toronto Planning and Transportation Committee
- Former Member, City of Toronto Works and Emergency Services Committee
- Former Member, City of Toronto Audit Committee
- Former Member, Toronto Financial Service Advisory Committee
- Former Mayor's Designate, BUILD Toronto Board
- Former Mayor's Designate, Invest Toronto Board



### **Michael Nobrega**

- Chair, Ontario Centres of Excellence
- Member, Board of Directors, IBI Group Inc.
- Former President and CEO, Ontario Municipal Employees Retirement System (OMERS)
- Former Chief Investment Officer, OMERS
- Former President and CEO. Borealis (OMERS) Infrastructure
- Former Partner, Arthur Andersen, Chartered Accountants
- Former Member, Board of Directors, Global Risk Institute
- · Recipient, University of Toronto Arbor Award
- Fellow, Institute of Chartered Accountants of Ontario

#### **Committee Memberships**

- Audit Committee (Chair)
- Human Resources and Environment Committee



### **Mary Ellen Richardson**

- Member of the Board of Directors, Toronto Hydro Energy Services Inc.
- Member, Board of Directors, Human Resources and Governance and Finance and Audit Committees, and Chair, Government Relations Committee, Markham District Energy Inc.
- Former President, Canadian District Energy Association
- Former Vice-President, Corporate Affairs, and Vice-President,
   Conservation Programs and External Relations, Ontario Power Authority
- Former President, Association of Major Power Consumers in Ontario
- Former Member, Board of Directors, and Human Resources Committee, Guelph Municipal Holdings Inc.
- Former Member, Management Board, Ontario Centres of Excellence in Energy
- Former Member, Board of Directors, Environmental Careers Organization of Canada
- Former Member, Ontario Government's Electricity Conservation and Supply Task Force
- Former Member, Executive of the Stakeholders' Alliance for Competition and Customer Choice
- Former Member, Customer Advisory Board, Hydro One

#### **Committee Membership**

• Corporate Governance and Nominating Committee

#### **BOARD OF DIRECTORS** CONTINUED



# The Honourable Howard Wetston, Senator

- Chair of the Board of Directors, Toronto Hydro-Electric System Limited
- Senator, Senate of Canada
- Counsel, Goodmans LLP
- Member, Advisory Board, Spark Power Corp.
- Former Member, Advisory Board, Program on Ethics in Law and Business, University of Toronto
- Former Member, Advisory Board, Shannon School of Business, Cape Breton University
- Former Chair and Chief Executive Officer, Ontario Securities Commission
- Former Vice-Chair, Ontario Securities Commission
- Former Chair and Chief Executive Officer, Ontario Energy Board
- Former Judge, Federal Court of Canada, Trial Division
- Former Ex-officio Judge of the Federal Court of Canada's Appeal Division
- Former Senior Member, Canadian Securities Administrators
- Former Vice-Chair, International Organization of Securities Commissions
- Former Director, Investigations and Research, Bureau of Competition Policy (Commissioner of Competition)
- Trustee, International Valuations Standards Council
- Competition Policy Council, C.D. Howe Institute
- · Senior Fellow, C.D. Howe Institute
- · Awarded Member, Order of Canada
- Board Diversity Champion, Catalyst Canada Honours
- Recipient, Queen Elizabeth II Diamond Jubilee Medal



### **Heather Zordel**

- Chair of the Board of Directors, Toronto Hydro Energy Services Inc.
- Partner, Securities Group, Gardiner Roberts LLP
- Co-Director and Course Director, Osgoode Hall Law School's Master of Laws program in Securities Law
- Member and Bencher, Law Society of Ontario
- Former Chair, Securities Advisory Committee, Ontario Securities Commission
- Former Member, Federal Expert Panel on Securities Regulation
- Former Member, Board of Directors, Metro Toronto Convention Centre

#### **Committee Membership**

• Audit Committee

#### **BOARD OF DIRECTORS** CONTINUED



### David D. Hay\*

- Managing Director, Delgatie Incorporated
- Director, EPCOR Utilities Inc.
- Chair, SHAD Valley International
- Member, Council for Clean and Reliable Energy
- Chair, Beaverbrook Art Gallery Acquisition Committee
- Former Vice-Chair and Managing Director, CIBC World Markets
- Former President and CEO, New Brunswick Power
- Former Director, Associated Electric & Gas Insurance Services AEGIS (USA)
- Former Co-Chair, New Brunswick Special Task Force "Electricity in New Brunswick and options for its future"
- Former Chair, Beaverbrook Art Gallery
- Former Senior Vice-President, Merrill Lynch Canada Inc.
- Former Managing Director, M&A, Merrill Lynch &Co., Inc. (London, England)
- Former Associate, Osler Hoskin & Harcourt
- Former Law Clerk to the Chief Justice of the High Court of the Supreme Court of Ontario
- Former Lecturer on Law and Finance, University of Toronto and University of New Brunswick
- Former Director, Star Choice Communications Inc.
- Former Director, EMR Microwave Technology Corporation



#### Case Ootes\*

- Former Member of the Board of Governors, Seneca College
- Former Chair of Mayor Ford's Transition Team
- Former Chair of Mayor Tory's Transition Team
- Former Managing Director, Toronto Community Housing
- Former Deputy Mayor of the City of Toronto
- Former Chair of Labour Relations for the City of Toronto
- Former Chair, Toronto Financial Service Alliance
- Former Member, Toronto Police Services Board
- Former Member, Toronto Transit Commission
- Former Director, Municipal Property Assessment Corporation
- Former Director, GO Transit Board
- Former Director, Greater Toronto Marketing Alliance Board
- Former Director, Business Development Corp. Board
- Former Director, Toronto East General Hospital Board
- Former Director, Toronto Hydro Board
- Former Director, Toronto Region Conservation Board
- Former Seneca College Executive in Residence
- Former President of East York Kiwanis
- Former Corporate Credit Manager, Imperial Oil
- Former Manager of Accounting Service, Imperial Oil



### **Mario Silva\***

- Published Author and International Legal Scholar
- Distinguished Visiting Professor at Ryerson University
- Non-Resident Fellow, Montreal Institute for Genocide and Human Rights Studies at Concordia University
- Professional Fellow of the Privacy and Cyber Crime Institute at Ted Rogers School of Management at Ryerson University
- Professional Fellow at Institute for the Study of Corporate Social Responsibility at Ted Rogers School of Management at Ryerson University
- Chair, Corporate Social Responsibility Advisory Council Superior Medical
- Former Visiting Scholar, Faculty of Law at McGill University
- Former Member of Parliament
- Former Toronto City Councillor
- Former Chair, International Holocaust Remembrance Alliance (IHRA)
- Former Director, Toronto Hydro
- Former Director, Toronto Transit Commission
- · Former Director, Exhibition Place
- Former Director, Mount Sinai Hospital
- Former Director, Canadian Opera Company
- Commander of the Order of Merit, Portugal
- Commander of the Order of Rio Branco, Brazil
- Knight, Ordre national de la Légion d'honneur, France
- Recipient, Insignia of the Autonomous Region of the Azores
- Recipient, Bridge Builder Award by the Parliament of Canada All Party Interfaith Friendship Group

<sup>\*</sup>Member of the Board of Directors for Toronto Hydro-Electric System Limited only



The Toronto Hydro senior management team is comprised of:

### **Anthony Haines**

President and Chief Executive Officer 1,2

### **Sean Bovingdon**

Executive Vice-President and Chief Financial Officer 1,2

#### **Amanda Klein**

Executive Vice-President, Regulatory Affairs and General Counsel 1,2

#### **Ben LaPianta**

Executive Vice-President and Chief Customer Care, Electric Operations and Procurement Officer <sup>2</sup>

### **Ave Lethbridge**

Executive Vice-President and Chief Human Resources and Safety Officer <sup>2</sup>

#### **Dino Priore**

Executive Vice-President and Chief Engineering and Construction Officer <sup>2</sup>

### **Chris Tyrrell**

Executive Vice-President of Utility Innovation and Chief Conservation Officer <sup>2</sup>

### **Robert Wong**

Executive Vice-President and Chief Information Officer <sup>2</sup>

<sup>&</sup>lt;sup>1</sup>Toronto Hydro Corporation

<sup>&</sup>lt;sup>2</sup>Toronto Hydro-Electric System Limited



Toronto Hydro Corporation (the Corporation) is a holding company which wholly-owns two subsidiaries:

**Toronto Hydro-Electric System Limited** – distributes electricity and engages in conservation and demand management (CDM) activities

**Toronto Hydro Energy Services Inc.** – provides street lighting and expressway lighting services in the city of Toronto

#### **Services**

- Supervises the operations of its subsidiaries
- Provides corporate, management services and strategic direction to its subsidiaries

#### **2017 Achievements**

- Invested \$552.9 million primarily in the renewal of aging infrastructure to address service reliability, safety and customer service requirements
- Raised \$800,000 at the company's fourth annual golf tournament in support of Sunnybrook's renowned Ross Tilley Burn Centre
- Raised more than \$153,000 for United Way Toronto and York Region and was recognized with a United Way Spirit Award
- Received an equity investment of \$250 million from the City of Toronto and issued the City an additional 200 common shares
- On November 14, 2017, the Corporation issued \$200.0 million of 3.485% senior unsecured debentures at a price of \$999.29 per \$1,000 principal amount due February 28, 2048
- As at December 31, 2017, the debentures issued under the Corporation's medium-term note program were rated "A" by DBRS Limited and "A" by Standard & Poor's. The commercial paper issued under the Corporation's commercial paper program was rated "R-1 (low)" by DBRS Limited

#### 2018 Objectives

#### The Corporation aims to:

- Provide customers value for money
- Maintain an engaged, safe and healthy workforce that meets changing business requirements
- Improve reliability through optimal and sustainable system management
- Meet the financial objectives of its Shareholder



The Corporation measures performance in relation to the achievement of strategic objectives by using a balanced scorecard approach. Key Performance Indicators (KPIs) are monitored throughout the year and appropriate actions are taken as required.

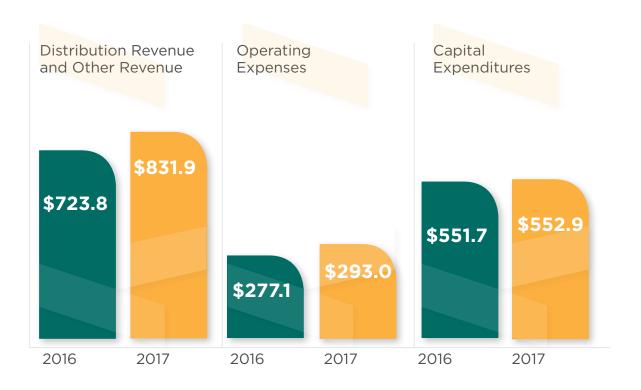
The performance objectives of the Corporation in 2017 were as follows:

CORPORATE KEY PERFORMANCE INDICATORS	MEASURE	2017 TARGET
Net income after net movements in regulatory balances (\$ millions)	Net Income after net movements in regulatory balances per the Corporation's Consolidated Financial Statements	\$145.0
Local Distribution Company (LDC) Regulated Capital (\$ millions) <sup>1</sup>	Achievement of LDC's capital work program	\$370.5
System Average Interruption Duration Index (SAIDI) (in minutes) (Defective equipment only)	Measure of the annual system average interruption duration per customer served, not including Major Event Days	29.71
System Average Interruption Frequency Index (SAIFI) (Number of interruptions) (Defective equipment only)	Measure of the frequency of service interruptions per customer served, not including Major Event Days	0.56
First Call Resolution	Percentage of telephone enquiries resolved within one call, within a 21-day time period	83.0%
Bill Accuracy	The percentage of issued bills that are considered accurate or inaccurate as defined by the Ontario Energy Board	98.6%
New Services Connected On Time	Percentage of connections for new low-voltage (<750 volts) service requests completed within five business days from the day on which all applicable service conditions are satisfied, or at such later date as agreed to by the customer	96.0%
Safety	Number of recordable injuries x 200,000/exposure hours	1.50

<sup>&</sup>lt;sup>1</sup> This is a non-GAAP measure as it includes all eligible capital expenditures, net of capital contributions related to regulated operations excluding Copeland Station and the facilities consolidation program.

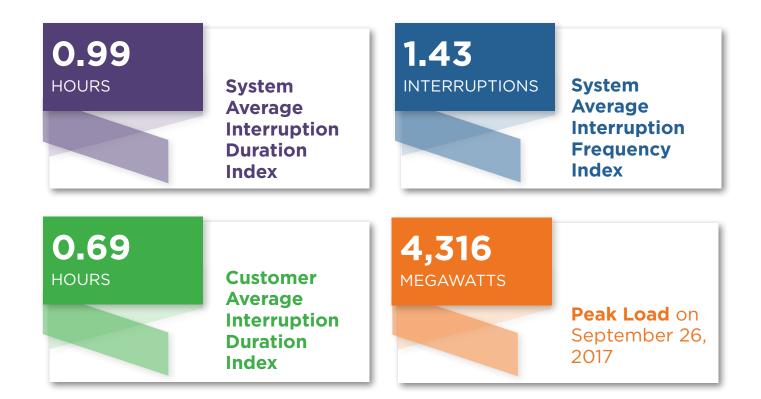


# Toronto Hydro Corporation (in millions of Canadian dollars)

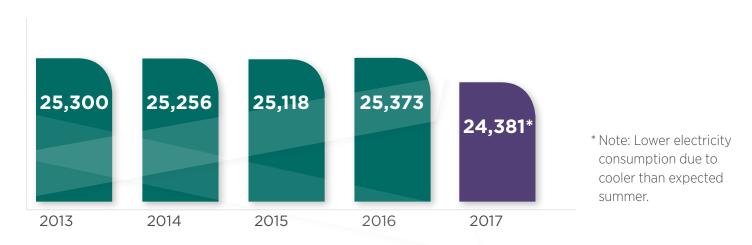




# Toronto Hydro-Electric System Limited



# Electricity Delivered (GWh)









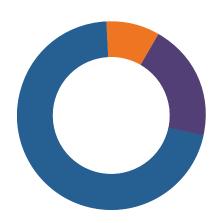
**RESIDENTIAL SERVICE** 

# 82,233 GENERAL SERVICE with monthly peak demand

of 5,000 kW or less averaged over a twelve-month period

#### 4 LARGE USERS with monthly peak demand of more than 5,000 kW averaged over a twelvemonth period

## Electricity Distribution by Class (GWh)



# 4,933

RESIDENTIAL SERVICE

# 17,277

**GENERAL SERVICE** 

# 2,171

LARGE USERS

# Electricity Distribution by Class (%)



# 20% RESIDENTIAL SERVICE

71% GENERAL SERVICE

## Toronto Hydro Corporation 2017 Capital Expenditures (in millions of Canadian dollars)

Regulated Local Distribution Company 1	
Distribution System	
Planned <sup>2</sup>	\$373.0
Reactive	48.1
Copeland Station	23.2
Facilities Consolidation	35.2
Technology assets	54.9
Other <sup>3</sup>	10.5
Regulated capital expenditures	\$544.9
Unregulated capital expenditures <sup>4</sup>	8.0
TOTAL	\$552.9

<sup>&</sup>lt;sup>1</sup>Refers to Toronto Hydro-Electric System Limited

## Electricity Distribution System is serviced from:

#### (approximate)

34	terminal stations	
1	transmission system terminal station	
17,350	primary switches	
60,540	distribution transformers	
153	in-service municipal substations	
15,540	kilometres of overhead wires supported by	
178,800	poles and approximately	
13,220	kilometres of underground wires	
1	Control Centre	
5	Operations Centres	

 $<sup>^2 {\</sup>it Includes, among other initiatives, the replacement of underground and overhead infrastructure, station programs, and the delivery of customer connections}$ 

<sup>&</sup>lt;sup>3</sup> Includes fleet capital and buildings

<sup>&</sup>lt;sup>4</sup>Primarily relates to streetlighting and generation equipment



# 2017 ANNUAL REPORT GLOSSARY

Customer Average Interruption Duration Index (CAIDI)	A measure (in hours) of the average duration of interruptions experienced by customers, not including Major Event Days (MED). CAIDI represents the quotient obtained by dividing the System Average Interruption Duration Index (SAIDI) by the System Average Interruption Frequency Index (SAIFI). See below for more explanation.		
Gigawatt-Hour (GWh)	A standard unit for measuring electrical energy produced or consumed over time. One GWh is equal to one million kilowatt-hours.		
Kilowatt (kW)	A common measure of electrical power equal to 1,000 watts.		
Kilowatt-Hour (kWh)	A standard unit for measuring electrical energy produced or consumed over time. One kWh is the amount of electricity consumed by ten 100-watt light bulbs burning for one hour.		
Major Event Days (MED)	Refers to major event days as defined by IEEE Standard 1366-2012, IEEE Guide for Electric Power Distribution Reliability Indices.		
Megawatt (MW)	A common measure of electrical power equal to one million watts.		
Megawatt-Hour (MWh)	A standard unit for measuring electrical energy produced or consumed over time. One MWh is the amount of electricity consumed by 10,000 100-watt light bulbs burning for one hour.		
Peak Load	The maximum demand for power, measured in megawatts, that occurs within a stated period of time. Toronto Hydro's peak system load (or peak demand) normally occurs in the summer because of power demands from air conditioning.		
System Average Interruption Duration Index (SAIDI)	A measure (in hours) of the annual system average interruption duration for customers served, not including MED. SAIDI represents the quotient obtained by dividing the total customer hours of interruptions longer than one minute by the number of customers served.		
System Average Interruption Frequency Index (SAIFI)	A measure of the frequency of service interruptions for customers served, not including MED. SAIFI represents the quotient obtained by dividing the total number of customer interruptions longer than one minute by the number of customers served.		



Toronto Hydro-Electric System Limited owns and operates \$4.4 billion of capital assets comprised primarily of an electricity distribution system that delivers electricity to approximately 768,000 customers located in the city of Toronto. It serves the largest city in Canada and distributes approximately 19% of the electricity consumed in the province of Ontario.

#### Services

- Committed to delivering safe and reliable electrical power to approximately 768,000 residential, commercial and industrial customers in the City of Toronto, which has a population base of approximately 2.8 million
- Plans, maintains and aims to operate its electricity distribution infrastructure efficiently and in an environmentally responsible manner
- Strives to provide consistent, high-quality customer service
- Designs and delivers CDM programs

#### **2017 Achievements**

- Among the leading local distribution companies in the delivery of CDM programs to help customers conserve energy, save money and help the environment
- Recognized as a Sustainable Electricity Company™, a designation by the Canadian Electricity Association
- Continued work on Copeland transformer station, the first transformer station built in downtown Toronto since the 1960s, and the second underground transformer station in Canada
- Supported major capital investment projects across the city, including: Metrolinx's Light Rail Transit (LRT)
  expansion and GO Regional Electrification of Rail Program, Toronto Transit Commission's Scarborough
  Subway Extension project and Easier Access Program, the City of Toronto's revitalization and relocation
  projects and the Ministry of Transportation's Bridge Rehabilitation projects

- Collaborated with Metrolinx on plans to build a battery energy storage system that will provide backup and emergency power for the Eglinton Crosstown LRT
- Invested approximately \$60 million to upgrade electricity infrastructure in the city's west end
- Continued to monitor the world's first grid-scale pole-mounted energy storage system, which is showing promising results in the early stages of a pilot program
- Recognized again as one of Canada's safest employers, receiving Canada's Safest Employers Gold Safety
  Award in the Utilities and Electrical Category, and the 2017 Canadian Electricity Association President's
  Award of Excellence for Employee Safety
- Continued to improve digital communication channels with more enhancements to online tools, including the launch of the *PowerLens®* portal, a new platform that shows customers how their homes use electricity so they can take steps towards saving
- Deployed Mutual Aid resources to four American utilities following severe weather events
- · Continued annual safety campaign to remind the public of electrical safety hazards on the street and at home
- Supported Georgian College's engineering facility to help train future electrical utility workers and fund curriculum development
- Participated in the Centre for Urban Energy at Ryerson University, an academic-industry collaboration that explores and develops sustainable solutions to urban energy challenges
- Sponsored Plug'n Drive, a non-profit organization committed to accelerating the adoption of electric vehicles, and powered two public charging stations at its Electric Vehicle Discovery Centre in northern Toronto



Supporting the unprecedented growth in our city requires coming up with innovative solutions to new challenges. We continue to apply that spirit of innovation across our business to further our progress in customer service, grid investment, sustainability and emergency preparedness.

In 2017, we engaged our customers through multiple channels to help them save energy and improve their electrical safety knowledge. To meet growing electricity demand, we invested in innovative energy solutions to support a reliable and resilient grid. We also continued to promote a sustainable future for our city and promoted emergency preparedness to help Torontonians be prepared for any situation.

The progress we made in 2017 will help to energize the growth and innovation driving our grid, our people and our city, now and for years to come. The sections that follow highlight some of the notable accomplishments and advancements.



## **Customer Service**

For us, customer service and delivering customer value are what's important. How do we benefit our customers and how can we make things easier for them? To answer these questions, we place an emphasis on understanding evolving customer needs and expectations, and to hear them directly from our customers, we introduced Customer Advisory Panels. The Panels are designed to regularly engage a diverse group of customers to obtain valuable feedback on ideas, initiatives and programs, and to help align our approach with their needs and preferences.

With this in mind, in 2017, we made further improvements to make doing business with us simple, easy and convenient. At the same time, we promoted and introduced programs to help customers better manage their bills. Also, to help keep the public safe, we continued with our efforts to increase the electrical safety knowledge of our customers.

Being open, transparent, and accountable to our customers is also important to us. In order to do
this publicly, we launched our <u>Customer Value Scorecard</u>, which includes many of the customer value
performance measures from our annual business plan

• We improved digital communication tools, including the launch of the *PowerLens*® portal, a platform that shows customers how their homes use electricity so they can take steps towards saving. *PowerLens*® provides a breakdown of electricity use by hour, day or month, electricity consumption by device and appliance type, and custom action plans tailored to a customer's home and habits. Customers can set usage and cost alerts, find contractor and rebate information, as well as create annual electricity reduction goals, track progress, take action, win prizes and earn points towards e-gift cards

#### CUSTOMER SERVICE CONTINUED

- We launched three new programs for our commercial and business customers:
  - o **Business Refrigeration Incentive** offers a rebate of up to \$2,500 to upgrade eligible refrigeration systems. The program also includes a free on-site refrigeration energy audit, a personalized action plan and free professional installation
  - o **RTUsaver** includes the installation of a free Wi-Fi enabled programmable thermostat, following a free rooftop air conditioner unit (RTU) checkup to ensure it's in good working order
  - o **OPsaver** is designed for larger commercial, institutional and industrial customers, and encourages continuous energy improvement through operational and behavioural change
- In 2016, we worked with nearby distribution companies to pilot an instant rebate retail program for energy-efficient products. The success of this pilot led to the 2017 launch of Deal Days, a province-wide program based on the same instant rebate concept. Deal Days eliminate the need for paper vouchers and supports sustainability efforts, while also improving the customer retail experience
- We worked with the Ontario government to implement its Fair Hydro Plan, which was developed to help reduce electricity costs through a number of initiatives
- We continue to serve our vulnerable customers though community outreach by building awareness and promoting a variety of programs including the Ontario Electricity Support Program (OESP), Low-Income Energy Assistance Program (LEAP) and Home Assistance Program (HAP), which can help customers reduce and manage electricity costs. In 2017, we promoted these programs at more than 140 events, which included over 7,400 customer interactions
- Once again, we exceeded the Ontario Energy Board's bill accuracy threshold of 98%
- We continued to encourage our customers to move to paperless billing as a more convenient, sustainable and cost-effective way to receive bills. As a result, 30% of our customers are now receiving eBills that's an increase of 400% since 2011
- Our call centre resolved customer concerns in the first call 88% of the time, which is 2% higher than in 2016. The number of issues escalated beyond the first call decreased by 33%
- Our key account team managed the relationships with our largest business customers by providing customized energy-saving opportunities and offering specific solutions to meet their business needs



• We introduced a new video series featuring the Bombillas – an animated family intended to reflect Toronto's diversity. Each month, the videos used stories to convey important information about electrical safety, customer care, conservation and capital infrastructure investments



- To help prevent contact with underground electrical cables, we encouraged customers to call Ontario One Call a free service that lets homeowners and contractors know what's located underground before starting any work that involves digging. This was in response to approximately 60 claims of homeowners or contractors hitting underground electrical equipment in Toronto in 2016
- We promoted electrical safety throughout the year via newsletters and bill inserts, social media and at events to increase the electrical safety knowledge of our customers
- We warned customers about text, email and phone-based scams, and provided tips to help them recognize and protect themselves from fraudulent behaviour
- We were awarded the 2017 Customer Service award by the Ontario Energy Association for demonstrating excellence in customer service, specifically for sustaining high levels of customer satisfaction and the design and delivery of new, innovative programs to help customers manage their electricity costs

Learn more about our customer care initiatives.



# **Grid Investment**

Electricity infrastructure is the trusted backbone of Toronto's economic and social life. With the city continuing to experience unprecedented growth, keeping up with growing demand remains a pressing challenge. To meet this challenge, we're focused on improving, innovating and investing in our grid to serve our customers now and into the future.

In addition to replacing aging electrical infrastructure as part of a long-term infrastructure renewal investment program, we're also developing smart grid technology to help reduce outage restoration times and increase the responsiveness of our distribution system. This is expected to help improve reliability and enhance the overall customer service experience. That work includes investing in the kinds of innovative, integrated energy solutions we need to create the grid of the future.

- In 2017, we invested \$552.9 million primarily in the renewal of aging infrastructure to address safety, reliability and customer service requirements
- Since 2010, the average number of service interruptions has improved by approximately 19%, and the average duration of interruptions has improved by approximately 24%
- We invested approximately \$60 million in an upgrade to Hydro One's transmission grid serving the west end of the city. It's expected that thousands of residents and businesses in Toronto will benefit from the upgrades through greater capacity for growth, better reliability and resiliency against outages on the distribution system. As the power grid
  - in Toronto is interconnected, the work being done in the west end will help electricity flow to the entire city
- To help support Toronto's renewable energy goals, we continued to support renewable generation through enabling infrastructure and direct project investments. In 2017, we interconnected 198 solar projects representing approximately 10 MW, the equivalent of removing 1,100 homes off the grid



- We continued work on the Clare R. Copeland Transformer Station, only the second underground transformer station of its kind in Canada. In 2017, we installed, tested and commissioned major electrical equipment including power transformers and high and medium voltage switchgear. We also installed and energized the electric station service equipment, and completed the installation and landscaping of the machine shop. When completed, Copeland Station will provide electricity to buildings and neighbourhoods in the central-southwest area of Toronto
- We continued to monitor the world's first grid-scale pole-mounted energy storage system, which showed positive results in the early stages of a pilot program. Developed by Ryerson University and piloted by Toronto Hydro using eCAMION battery technology, this unique energy storage system is mounted to the top of an existing hydro pole. The system stores energy during off-peak hours and releases power as needed. From initial results, the energy storage system has demonstrated an ability to reduce strain on the local transformer. (If successful, the system could become a standard that's introduced with new installations on over 175,000 poles across the city)



- We collaborated with Metrolinx on plans to build a battery energy storage system for the Eglinton Crosstown light rail transit (LRT) line, which will increase reliability of the line, lower operating costs and reduce emissions. The power system will be capable of providing backup and emergency power to the LRT line in the event of a widespread power outage, and will also benefit local residents by providing additional reliability to customers in the area. The system will have the power capacity of 10 MW enough to power the equivalent of approximately 11,000 homes making it the largest battery energy storage project we've been involved with to date
- We continued to work with the Independent Electricity System Operator (IESO) Central Toronto Working Group for
  its Integrated Regional Resource Plan (IRRP), which looks at where the demand for electricity is growing and how
  this can be managed over the next 25 years. As a member, we regularly participate in IRRP meetings and provide
  advice on the development of plan options, including innovative solutions to address Toronto's future electricity
  needs

Learn more about our grid.



# Sustainability Initiatives

Sustainability is a key part of our corporate culture—it's embedded in our business strategy and daily operations. Since 2014, we've been recognized as a Sustainable Electricity Company™ by the Canadian Electricity Association (CEA), making us one of four electrical utilities in Canada to be awarded this prestigious designation. While we're humbled to be recognized for our sustainability efforts, we know that it's simply the right thing to do for our customers, our city and our planet.



In our 2016 Annual Report, we began sharing an annual comparison of our sustainability results to demonstrate our progress. We're continuing to share this information with you and plan to do so each year. We regularly monitor and assess our energy consumption, waste streams and procurement practices to reduce our environmental footprint and improve organizational efficiency. We also encourage our customers to be part of the shift to a sustainable economy by encouraging the use of electrified transportation, offering online billing to reduce paper consumption, and promoting a variety of conservation and home energy-efficiency programs.

- We've continued to work with residential, small business, industrial and commercial customers to implement energy-efficiency projects through our Conservation and Demand Management (CDM) programs. In 2017, our CDM programs led to an estimated energy savings of 353,000 MWh\*, reduced summer peak demand by 43 MW and helped to reduce GHG emissions in the city by 14,120 tCO<sub>2</sub>e
- Our total GHG emissions were 34,792 tCO<sub>2</sub>e a decrease of 7% relative to 2016
- In November 2017, we underwent and passed an external audit to upgrade our existing Environmental Management System certification from the International Organization for Standardization's 2004 Environmental Management Systems Standard (ISO 14001:2004) to the 2015 version of the standard (ISO 14001:2015). Additionally, the audit confirmed that Toronto Hydro has continued to maintain its Occupational Health and Safety Assessment Series

Standard for Occupational Health and Safety Management Systems (OHSAS 18001:2007) certificate. The auditor, Intertek, declared the management element of Toronto Hydro's Environmental, Health and Safety Management System to be of benchmark status

- We earned the top spot on *Corporate Knights'* fourth annual Future 40 Responsible Corporate Leaders in Canada list, in recognition of our sustainability achievements. This marked the third time we've been named to the list. The Future 40 ranking is a prestigious annual ranking that's recognized internationally and designed to showcase Canada's emerging sustainability leaders
- Our President and CEO, Anthony Haines, was recognized as a Responsible CEO of the Year Award by Corporate
  Responsibility (CR) Magazine, which marked the first time a Canadian CEO has been given this prestigious award.
  The award is presented to CEOs who visibly exceed standards in the areas of employee relations, environmental
  impact, sustainability, human rights, philanthropy and corporate responsibility practices
- Anthony Haines also received the 2017 Individual Leadership on Sustainability Award from the CEA for outstanding leadership on sustainability issues within the electricity sector
- We completed construction of a Toronto Hydro-owned building at 715 Milner Avenue as part of our Facilities
  Consolidation program, aimed at making better use of space at existing work centres. As a result, we moved out of
  a leased building at 601 Milner. As part of the construction, we reused 35 tonnes of existing furniture, recycled 38
  tonnes of furniture and resold or donated 24 tonnes of furniture. The donated furniture was given to organizations
  such as Toronto Furniture Bank and Habitat for Humanity. In total, 88% of the furniture from the building at 601
  Milner was diverted from landfill
- In addition to recycling solid non-hazardous waste from our facilities, we've been recycling wood poles removed from service, fluorescent lights, batteries and electronic waste. In 2017, we diverted 535 metric tonnes of wood poles from landfill compared to 490 tonnes diverted in 2016
- We developed a Corporate Waste Recycling Rate that accounts for a broader pool of waste streams to provide a more comprehensive picture of our waste diversion efforts. In 2017, our Corporate Waste Diversion Rate was 93%

We continued to use and install the Governor to Reduce Idle and Pollution (GRIP) technology on our vehicles, and downsized our fleet by 12 vehicles. We also implemented a pilot project in collaboration with Centennial College and eCamion to test the effectiveness of lithium ion batteries in vehicles, and trialed the use of electric power take-off for our bucket trucks. The cumulative 2017 savings, relative to 2013, associated with our fleet-related initiatives are: 36% reduction in total fuel consumed; 35% reduction in GHG emissions; 0.4% reduction in kilometres travelled; and 43% reduction in total non-PTO idling hours\*\*

#### SUSTAINABILITY INITIATIVES CONTINUED



- In order to encourage our employees to transition to electric vehicles (EVs), we installed four charging stations at our 500 Commissions Street location in 2017, and there are plans to install charging stations at 71 Rexdale Boulevard and 715 Milner Avenue in 2018. We also initiated a project to replace small cars in our fleet with fully-electric vehicles
- We sponsored Plug'n Drive, a non-profit organization committed to accelerating the adoption of EVs. We also powered two charging stations in the test drive zone at the Plug'n Drive Electric Vehicle Discovery Centre in Toronto, the world's first experiential learning facility dedicated to EV education and awareness
- We contributed to advancing the transition to EVs through participation in various working groups and associations, including the City of Toronto's EV Working Group and the Canadian Urban Transit Research & Innovation Consortium
- We implemented the use of secure pull printing, which requires employees to use their access cards at our printers. This ensures that all printed documents are collected from the printer, thereby reducing wasted paper. We also implemented the use of tablets for issuing and completing facilities-related work orders. Previously, work orders were issued on paper and submitted for filing once completed. When combined with similar initiatives carried out in earlier years, we have reduced our annual paper consumption by approximately 3,073,000 sheets of paper, which equates to a savings of approximately 39 tCO<sub>2</sub>e of associated GHG emissions in 2017, when compared to 2013
- For the fourth consecutive year, we hosted our annual charity golf tournament, raising \$800,000 through our partners and sponsors for Sunnybrook's Ross Tilley Burn Centre the largest, most advanced adult burn centre in Canada for a total of \$2.6 million raised in four years



- Our employees, along with their friends and families, planted 300 trees and shrubs at Earl Bales Park for our annual Tree Planting Event, which we hosted in collaboration with Local Enhancement & Appreciation of Forests (LEAF) and the Parks, Forestry & Recreation division of the City of Toronto. Since 2004, we've planted more than 4,300 trees across the city
- Our employees raised more than \$153,000 for United Way Toronto and York Region, surpassing last year's total by almost \$10,000, and we received a 2017 United Way Spirit award in recognition of our employee campaign
- To raise awareness and increase participation in our conservation programs and online services, we participated in almost 200 event days, including 46 community events, 72 retail Deal Days events, 36 business events and 34 councillor-hosted Environment Days, generating approximately 52,000 interactions in total. These events give us the opportunity to build close ties with the communities we serve on a regular basis and educate our customers about energy conservation
- To help support local organizations committed to a sustainable future, we continued to sponsor several community groups and events, including: LEAF, Cycle TO, the Toronto Light Festival, CityFest, Cavalcade of Lights, the Kids' World of Energy Festival and Amici's Canoe Heads for Kids
- We hosted two Brighter Nights<sup>™</sup> community events, where we replaced old, burnt-out or inefficient porch
  lights with more energy-efficient bulbs to help make the community safer. The Brighter Nights<sup>™</sup> program is
  a joint effort with the City of Toronto's Community Crisis Response Program, Toronto Community Housing,
  Toronto Police Service, and local community groups and volunteers

### SUSTAINABILITY INITIATIVES CONTINUED

We're proud of our progress. Below we share our performance for some of our sustainability initiatives by highlighting results from the past two years:

		RESULTS		OUR
CATEGORY	METRIC	2017	2016	PERFORMANCE
Conservation and Demand Management (CDM)	Energy saved through CDM programs	353.0 GWh	273.2 GWh	29% increase
Paper Purchased	Annual amount of paper purchased, including all paper sizes, but excluding speciality paper (e.g. plotter paper, business cards, etc.)	4,276,850 sheets of paper	4,724,450 sheets of paper	9% decrease
Kilometres (km) Travelled	Based on GPS data obtained from Fleet Assets & Maintenance Department	3,137,617 km	3,407,236 km	8% decrease
Fuel Usage (consumption)	Annual fuel consumption obtained from 4Refuel truck-to-truck fueling, use of 500 Commissioners pumps and TChek gas cards. This includes all types of fuel used by Toronto Hydro vehicles	1,013,115 litres	1,119,575 litres	10% decrease
Non-PTO Idling Time	Calculations are based on data gathered through vehicles' GPS system	59,768 hours	74,342 hours	20% decrease

#### Learn more about our sustainability efforts.

<sup>\*2017</sup> CDM energy and peak demand savings have not yet been verified by the Independent Electricity System Operator (IESO). Final results expected to be available in July 2018 following an IESO evaluation.

<sup>\*\*</sup> Some of our vehicles (e.g. bucket trucks) require engines to be kept on (idling) in order to charge and operate the vehicle hydraulics. This is referred to as PTO idling time .



# **Emergency Preparedness**

Emergencies – such as those caused by extreme weather – have the potential to significantly impact our ability to deliver power to our customers. To help guard against this, we continue to implement a new emergency management program to help improve our emergency response. We also remind our customers throughout the year about the importance of emergency preparedness. When an emergency situation does occur, we want to be prepared so that we're able to help ourselves and our neighbours – whether they happen to be across the street or across the border.

- We continued to implement our Grid Emergency Management program, established in 2014, to help improve
  our response to extreme weather events. In 2017, we developed and incorporated: playbooks containing
  emergency management plans for high-risk capital projects; an awareness program for our staff to help
  familiarize them with our emergency management program; and seminars, training and tabletop exercises
  with senior management. We also hosted a functional exercise for the first time, which included almost
  90 employees and tested 38 emergency roles over an 11-hour simulation period
- We encouraged Torontonians to create or check their 72-hour emergency kit throughout the year through tips we shared at community events, in our newsletters, on social media and through weather-triggered content on The Weather Network
- We supplied close to 1,600 emergency kits to vulnerable residents at over 140 community events
- We received a Silver Award of Excellence from the Canadian Public Relations Society for our Emergency Preparedness Hacks video series



# **EMERGENCY PREPAREDNESS** CONTINUED



- To help us build a strong local network of support for responding to emergencies, we continued to work with critical infrastructure and public safety groups from the public sector, utilities, transportation and public health, including: the City of Toronto, the Office of the Fire Marshal, Ontario Power Generation, Toronto Transit Commission, Greater Toronto Airports Authority, Metrolinx, and Scarborough and Rouge Hospital
- We continued to maintain a strong, proactive role as a member of the North Atlantic Mutual Assistance Group (NAMAG), which brings together utilities from provinces and states along the northeast that have formally agreed to provide assistance to each other during emergencies. In October, members of our emergency management team attended the NAMAG Fall Conference, where NAMAG members worked on strengthening mutual aid processes through panel discussions, presentations and reviews
- We're also members of the Canadian Mutual Assistance Group (CanMAG), coordinated through the Canadian Electricity Association
- As part of our ongoing commitment to mutual assistance, in 2017, we deployed mutual aid resources to four American utilities following severe weather events

Learn more about emergency preparedness.



FINANCIAL REPORT DECEMBER 31, 2017

# TORONTO HYDRO CORPORATION

# TABLE OF CONTENTS

	Glossary	3
	Management's Discussion and Analysis	4
	Executive Summary	5
	Introduction	5
	Business of Toronto Hydro Corporation	6
	Electricity Distribution – Industry Overview	7
	Results of Operations	8
	Summary of Quarterly Results of Operations	15
	Financial Position	16
	Liquidity and Capital Resources	17
	Corporate Developments	22
	Legal Proceedings	24
	Share Capital	24
	Transactions with Related Parties	25
	Controls and Procedures	25
	Risk Management and Risk Factors	26
	Critical Accounting Estimates	32
	Significant Accounting Policies	32
	Changes in Accounting Policies	32
	Future Accounting Pronouncements	32
	Forward-Looking Information	33
	Selected Annual Information	36
	Additional Information	36
	Consolidated Financial Statements	37
N	otes to the Consolidated Financial Statements	44
		-



#### **GLOSSARY**

**CDM** – Conservation and demand management

CGU - Cash generating unit

**CIR** – Custom Incentive Rate-setting

City - City of Toronto

**Copeland Station** – The Clare R. Copeland transformer station, formerly called "Bremner Station".

**Corporation** – Toronto Hydro Corporation

Electricity Act - Electricity Act, 1998 (Ontario), as amended

**ERM** – Enterprise risk management

**ERP** – Enterprise resource planning

**GAAP** – Generally Accepted Accounting Principles

GWh - Gigawatt hour

**HONI** – Hydro One Networks Inc.

IAS – International Accounting Standard

IASB – International Accounting Standards Board

ICM - Incremental Capital Module

**IESO** – Independent Electricity System Operator. The IESO and the Ontario Power Authority were merged under the name Independent Electricity System Operator on January 1, 2015

**IFRIC** – International Financial Reporting Interpretations Committee

IFRS – International Financial Reporting Standards

IRM - Incentive Regulation Mechanism

ITA - Income Tax Act (Canada), as amended

kW - Kilowatt

LDC – Toronto Hydro-Electric System Limited

**LRAM** – Lost revenue adjustment mechanism

MD&A – Management's Discussion and Analysis

**MEU** – Municipal electricity utility

**OCI** – Other comprehensive income

OEB - Ontario Energy Board

**OEB Act** – *Ontario Energy Board Act, 1998* (Ontario), as amended

**OFHP** – Ontario's Fair Hydro Plan

**OFHA** – *Fair Hydro Act, 2017* (Ontario)

**OMERS** – Ontario Municipal Employees Retirement System

**OPA** – Ontario Power Authority. The IESO and the OPA were merged under the name Independent Electricity System Operator on January 1, 2015

**OPEB** – Other post-employment benefits

**OREC** – Ontario Rebate for Electricity Consumers Act, 2016 (Ontario).

PILs – Payments in lieu of corporate taxes

**PP&E** – Property, plant and equipment

TA – Taxation Act, 2007 (Ontario), as amended

**TH Energy** – Toronto Hydro Energy Services Inc.

**US GAAP** – United States Generally Accepted Accounting Principles

WMS – Wholesale Market Service



MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016



#### **Executive Summary**

- Net income after net movements in regulatory balances for the three months and year ended December 31, 2017 was \$35.1 million and \$156.5 million, respectively, compared to \$23.4 million and \$151.4 million for the comparable periods in 2016;
- Capital expenditures were primarily related to the renewal of the electricity infrastructure of LDC and were \$148.9 million and \$552.9 million for the three months and year ended December 31, 2017, respectively, compared to \$149.2 million and \$551.7 million for the comparable periods in 2016;
- On June 28, 2017, the Corporation issued 200 common shares to the City for total proceeds of \$250.0 million, net of share issue costs and expenses;
- On August 23, 2017, LDC filed its 2018 rate application seeking OEB's approval to finalize distribution rates and other charges for the period commencing on January 1, 2018 and ending on December 31, 2018. On December 14, 2017, the OEB issued a decision and rate order approving LDC's 2018 rates and the disposition of certain deferral and variance accounts;
- On November 14, 2017, the Corporation issued \$200.0 million of 3.485% senior unsecured debentures due February 28, 2048;
- The Corporation's Series 2 debentures in the amount of \$250.0 million, matured and were repaid on November 14, 2017; and
- Under the terms of the energy conservation agreement with the IESO for the delivery of CDM programs over the 2015 2020 period, the Corporation is entitled to a performance incentive if the verified mid-term electricity savings target is achieved by December 31, 2017. The Corporation exceeded the mid-term energy savings target and recognized a performance incentive of \$12.2 million.

#### Introduction

This MD&A should be read in conjunction with the Corporation's audited consolidated financial statements and accompanying notes as at and for the years ended December 31, 2017 and 2016, which were prepared in accordance with IFRS (the "Consolidated Financial Statements").

Copies of these documents are available on the System for Electronic Document Analysis and Retrieval website at <a href="https://www.sedar.com">www.sedar.com</a>.



# **Business of Toronto Hydro Corporation**

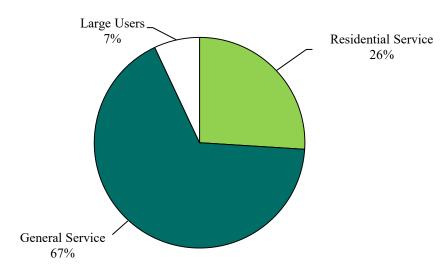
The Corporation is a holding company which wholly owns two subsidiaries:

- LDC distributes electricity and engages in CDM activities; and
- TH Energy provides street lighting and expressway lighting services in the City.

The Corporation supervises the operations of, and provides corporate, management services and strategic direction to its subsidiaries.

The principal business of the Corporation and its subsidiaries is the distribution of electricity by LDC. LDC owns and operates an electricity distribution system, delivering electricity to approximately 768,000 customers located in the City. The City is the sole shareholder of the Corporation. LDC serves the largest city in Canada and distributes approximately 19% of the electricity consumed in Ontario. The business of LDC and other electricity distributors is regulated by the OEB, which has broad powers relating to licensing, standards of conduct and service, and the regulation of electricity distribution rates charged by LDC and other electricity distributors in Ontario. For the year ended December 31, 2017, LDC earned energy sales and distribution revenues of \$3,742.0 million from general service users<sup>1</sup>, residential service users<sup>2</sup> and large users<sup>3</sup>.





<sup>-</sup>

<sup>&</sup>lt;sup>1</sup> "general service" means a service supplied to premises other than those receiving "residential service" and "large users" and typically includes small businesses and bulk-metered multi-unit residential establishments. This service is provided to customers with a monthly peak demand of 5,000 kW or less averaged over a twelve-month period.

<sup>2 &</sup>quot;residential service" means a service that is for domestic or household purposes, including single family or individually metered multi-family units and seasonal occupancy.

<sup>&</sup>lt;sup>3</sup> "large users" means a service provided to a customer with a monthly peak demand of more than 5,000 kW averaged over a twelve-month period.



# **Electricity Distribution – Industry Overview**

In April 1999, the Government of Ontario began restructuring the province's electricity industry. Under regulations passed pursuant to the restructuring, LDC and other electricity distributors purchase electricity from the wholesale market administered by the IESO and recover the costs of electricity and certain other costs from customers in accordance with rate-setting procedures mandated by the OEB.

The OEB has regulatory oversight of electricity matters in Ontario. The OEB Act sets out the OEB's authority to issue a distribution licence that must be obtained by owners or operators of an electricity distribution system in Ontario. The OEB prescribes licence requirements and conditions including, among other things, specified accounting records, regulatory accounting principles, separation of accounts for distribution and other activities, and requirements for ratesetting and other legal filings.

The OEB's authority and responsibilities include the power to approve and fix rates for the transmission and distribution of electricity, the power to approve the amounts paid to non-contracted generators, the responsibility to provide rate protection for rural or remote electricity customers, and the responsibility for ensuring that electricity distribution companies fulfill their obligations to connect and service customers.

LDC is required to charge its customers for the following amounts (all of which, other than distribution rates, represent a pass-through of amounts payable to third parties):

- Commodity Charge The commodity charge represents the market price of electricity consumed by customers
  and is passed through the IESO back to operators of generating stations. It includes the global adjustment,
  which represents the difference between the market price of electricity and the rates paid to regulated and
  contracted generators.
- Retail Transmission Rate The retail transmission rate represents the costs incurred in respect of the transmission of electricity from generating stations to local distribution networks. Retail transmission rates are passed through back to operators of transmission facilities.
- WMS Charge The WMS charge represents various wholesale market support costs, such as the cost of the IESO to administer the wholesale electricity system, operate the electricity market, and maintain reliable operation of the provincial grid. Wholesale charges are passed through back to the IESO.
- Distribution Rate The distribution rate is designed to recover the costs incurred by LDC in delivering electricity to customers, including the OEB-allowed cost of capital. Distribution rates are regulated by the OEB and include fixed and variable (usage-based) components, based on a forecast of LDC's customers and load.

LDC is required to satisfy and maintain prudential requirements with the IESO, which include credit support with respect to outstanding market obligations in the form of letters of credit, cash deposits or guarantees from third parties with prescribed credit ratings.

The Corporation is exempt from tax under the ITA if not less than 90% of the capital of the Corporation is owned by the City and not more than 10% of the income of the Corporation is derived from activities carried on outside the municipal geographical boundaries of the City. In addition, the Corporation's subsidiaries are also exempt from tax under the ITA provided that all of their capital is owned by the Corporation and not more than 10% of their respective income is from activities carried on outside the municipal geographical boundaries of the City. A corporation exempt from tax under the ITA is also exempt from tax under the TA.

The Corporation and each of its subsidiaries are MEUs for purposes of the PILs regime contained in the Electricity Act. The Electricity Act provides that a MEU that is exempt from tax under the ITA and the TA is required to make, for each taxation year, a PILs payment to the Ontario Electricity Financial Corporation in an amount equal to the tax that it would be liable to pay under the ITA and the TA if it were not exempt from tax. The PILs regime came into effect on October 1, 2001, at which time the Corporation and each of its subsidiaries were deemed to have commenced a new taxation year for purposes of determining their respective liabilities for PILs payments.



# **Results of Operations**

# Net Income after Net Movements in Regulatory Balances

# Interim Consolidated Statements of Income Three months ended December 31 (in millions of Canadian dollars)

	2017	2016	Change
	\$	\$	\$
Revenues			
Energy sales	728.9	813.3	(84.4)
Distribution revenue	181.7	159.0	22.7
Other	27.7	22.0	5.7
	938.3	994.3	(56.0)
P.			
Expenses	750.7	792.6	21.0
Energy purchases	750.7	782.6	31.9
Operating expenses	77.8	78.6	0.8
Depreciation and amortization	62.0	59.6	(2.4)
	890.5	920.8	30.3
Finance costs	(18.9)	(19.5)	0.6
Gain on disposals of PP&E	0.2	2.1	(1.9)
	• • •		(2 - 0)
Income before income taxes	29.1	56.1	(27.0)
Income tax expense	(11.1)	(28.0)	16.9
Net income	18.0	28.1	(10.1)
Net movements in regulatory balances	10.9	(30.6)	41.5
Net movements in regulatory balances arising from deferred tax assets	6.2	25.9	(19.7)
Net income after net movements in regulatory balances	35.1	23.4	11.7

The increase in net income after net movements in regulatory balances for the three months ended December 31, 2017 was primarily due to higher 2017 electricity distribution rates, higher electricity consumption, and higher other revenue related to the recognition of the CDM mid-term incentive and pole and duct rentals. These variances were partially offset by amounts being deferred into capital related regulatory accounts for future refunds to customers, higher income taxes (including regulatory balances arising from deferred tax assets), and higher depreciation and amortization related to new in-service asset additions.



# Consolidated Statements of Income Year ended December 31 (in millions of Canadian dollars)

	2017	2016	Change
	\$	\$	\$
Revenues			
Energy sales	3,017.8	3,306.2	(288.4)
Distribution revenue	724.2	647.9	76.3
Other	107.7	75.9	31.8
	3,849.7	4,030.0	(180.3)
			_
Expenses			
Energy purchases	3,063.5	3,216.9	153.4
Operating expenses	293.0	277.1	(15.9)
Depreciation and amortization	224.2	212.2	(12.0)
	3,580.7	3,706.2	125.5
Finance costs	(77.7)	(74.2)	(3.5)
Gain on disposals of PP&E	9.8	2.1	7.7
Income before income taxes	201.1	251.7	(50.6)
Income tax expense	(44.7)	(67.1)	22.4
Net income	156.4	184.6	(28.2)
Net movements in regulatory balances	(13.1)	(77.2)	64.1
Net movements in regulatory balances arising from deferred tax assets	13.2	44.0	(30.8)
Net income after net movements in regulatory balances	156.5	151.4	5.1

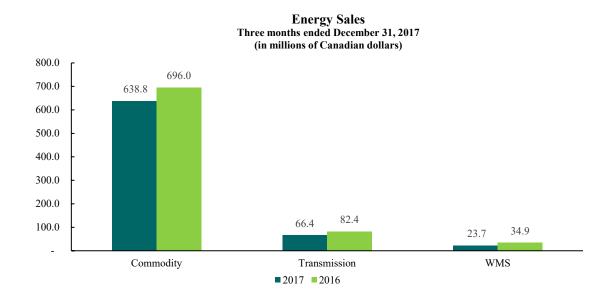
The increase in net income after net movements in regulatory balances for the year ended December 31, 2017 was primarily due to higher 2017 electricity distribution rates and higher other revenue related to the recognition of the CDM mid-term incentive and pole and duct rentals. These variances were partially offset by lower electricity consumption, higher operating expenses in connection with system maintenance, higher depreciation and amortization related to new in-service asset additions, higher income taxes (including regulatory balances arising from deferred tax assets), amounts being deferred into capital related regulatory accounts for future refunds to customers, and a one-time residual ICM balance recorded as an increase in equity through net movements in regulatory balances in 2016. The 2016 first quarter implementation of the new electricity distribution rates also resulted in \$19.2 million of foregone revenue being recorded in net movements in regulatory balances for the comparable period, instead of distribution revenue given IFRS 14 - Regulatory Deferral Accounts ("IFRS 14") treatment.

#### **Energy Sales**

LDC's energy sales arise from charges to customers for electricity consumed, based on regulated rates. Energy sales include amounts billed or billable to customers for commodity charges, retail transmission charges, and WMS charges at current rates. These charges are passed through to customers over time and are considered revenue by LDC. During the same period, energy sales should be equal to the cost of energy purchased. However, a difference between energy sales and energy purchases arises when there is a timing difference between the amounts charged by LDC to customers, based on regulated rates, and the electricity and non-competitive electricity service costs billed monthly by the IESO to LDC. This difference is recorded as a settlement variance, representing amounts to be recovered from or refunded to customers through future rates approved by the OEB. In accordance with IFRS 14, this settlement variance is presented within regulatory balances on the consolidated balance sheets ("Consolidated Balance Sheets")



and within net movements in regulatory balances on the consolidated statements of income and comprehensive income ("Consolidated Statements of Income").



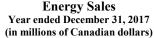
Energy sales for the three months ended December 31, 2017 were \$728.9 million compared to \$813.3 million for the comparable period in 2016. The decrease was primarily due to lower commodity charges (\$57.2 million) and lower retail transmission charges (\$16.0 million). The decrease in commodity and retail transmission charges was primarily due to lower pass-through electricity costs.

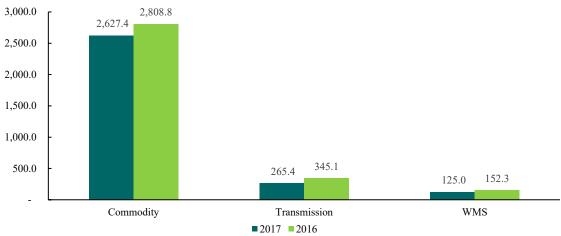
# Energy Purchases, Energy Sales, and Settlement Variances Three months ended December 31, 2017 (in millions of Canadian dollars)

	Energy Purchases \$	Energy Sales \$	Settlement Variances \$
Commodity Charges	673.1	638.8	34.3
Retail Transmission Charges	65.2	66.4	(1.2)
WMS Charges	12.4	23.7	(11.3)
Total	750.7	728.9	21.8

For the three months ended December 31, 2017, LDC recognized \$728.9 million in energy sales to customers and was billed \$750.7 million for energy purchases from the IESO. The difference between energy sales and energy purchases represents a \$21.8 million settlement variance for the period. The settlement variance was recorded as a decrease to the regulatory credit balance (\$21.8 million including carrying charges on the accumulated settlement variance balance) on the Consolidated Balance Sheets, and presented within net movements in regulatory balances on the Consolidated Statements of Income.







Energy sales for the year ended December 31, 2017 were \$3,017.8 million compared to \$3,306.2 million for the comparable period in 2016. The decrease was primarily due to lower commodity charges (\$181.4 million) and lower retail transmission charges (\$79.7 million). The decrease in commodity and retail transmission charges was primarily due to lower electricity consumption and lower pass-through electricity costs.

# Energy Purchases, Energy Sales, and Settlement Variances Year ended December 31, 2017 (in millions of Canadian dollars)

	Energy Purchases \$	Energy Sales \$	Settlement Variances \$
Commodity Charges	2,681.4	2,627.4	54.0
Retail Transmission Charges	281.8	265.4	16.4
WMS Charges	100.3	125.0	(24.7)
Total	3,063.5	3,017.8	45.7

For the year ended December 31, 2017, LDC recognized \$3,017.8 million in energy sales to customers and was billed \$3,063.5 million for energy purchases from the IESO. The difference between energy sales and energy purchases represents a \$45.7 million settlement variance for the year. The settlement variance was recorded as a decrease to the regulatory credit balance (\$45.2 million including carrying charges on the accumulated settlement variance balance, see the regulatory credit balance table in note 9 to the Consolidated Financial Statements) on the Consolidated Balance Sheets, and presented within net movements in regulatory balances on the Consolidated Statements of Income.

#### Distribution Revenue

Distribution revenue is recorded based on OEB-approved distribution rates to recover the costs incurred by LDC in delivering electricity to customers, and includes revenue collected through OEB-approved rate riders.

Distribution revenue for the three months and year ended December 31, 2017 was \$181.7 million and \$724.2 million, respectively, compared to \$159.0 million and \$647.9 million for the comparable periods in 2016.

The increase in distribution revenue for the three months ended December 31, 2017 was primarily due to higher electricity distribution rates (\$11.7 million), higher electricity consumption (\$5.6 million), and additional revenue collected through OEB-approved rate riders (\$5.5 million).



The increase in distribution revenue for the year ended December 31, 2017 was primarily due to higher electricity distribution rates (\$48.8 million) and additional revenue collected through OEB-approved rate riders (\$22.6 million), partially offset by lower electricity consumption in 2017 (\$14.9 million). The remaining increase was related to the recognition of 2016 foregone revenue (\$19.2 million) from the implementation of the new electricity distribution rates effective March 1, 2016, which was recorded in net movements in regulatory balances for the year ended December 31, 2016 given the IFRS 14 treatment, instead of distribution revenue.

#### Other Revenue

Other revenue includes revenue from services ancillary to electricity distribution, delivery of street lighting services, pole and duct rentals, amortization of deferred revenue related to capital contributions from customers, and CDM cost efficiency incentives.

Other revenue for the three months and year ended December 31, 2017 was \$27.7 million and \$107.7 million, respectively, compared to \$22.0 million and \$75.9 million for the comparable periods in 2016.

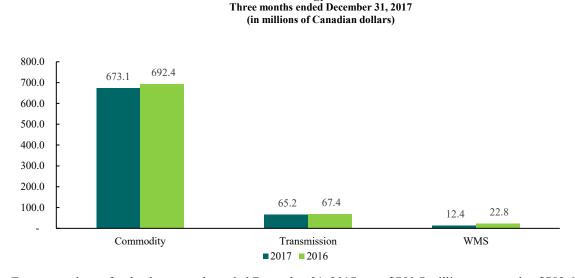
The increase was primarily due to higher revenue in connection with ancillary services, street lighting services, pole and duct rentals, recognition of the CDM mid-term incentive, and deferral of development charges. The development charges are excess expansion deposits retained by LDC where the requested number of connections or demand were not met by the connecting customer (see development charges in note 9(o) to the Consolidated Financial Statements).

The development charges were recorded as a regulatory balance on the Consolidated Balance Sheets, with a corresponding offset in net movements in regulatory balances on the Consolidated Statements of Income. This regulatory balance is expected to offset future electricity distribution rates for customers, although application has yet to be made to dispose of the balance.

### **Energy Purchases**

LDC's energy purchases consist of actual charges for electricity generated by third parties, which are passed through to customers over time in the form of energy sales. Energy purchases are billed monthly by the IESO and include commodity charges, retail transmission charges and WMS charges.

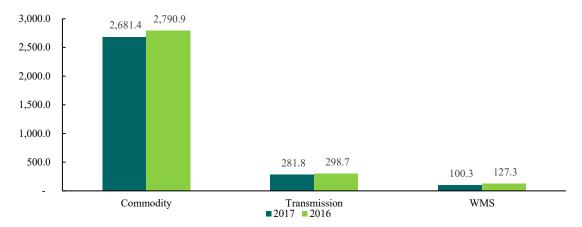
**LDC Energy Purchases** 



Energy purchases for the three months ended December 31, 2017 were \$750.7 million compared to \$782.6 million for the comparable period in 2016. The decrease was primarily due to lower commodity charges (\$19.3 million) and lower WMS charges (\$10.4 million). The decrease in commodity and WMS charges was primarily due to lower rates.



#### LDC Energy Purchases Year ended December 31, 2017 (in millions of Canadian dollars)



Energy purchases for the year ended December 31, 2017 were \$3,063.5 million compared to \$3,216.9 million for the comparable period in 2016. The decrease was primarily due to lower commodity charges (\$109.5 million) and lower WMS charges (\$27.0 million). The decrease in commodity and WMS charges was primarily due to lower electricity consumption and lower rates.

### **Operating Expenses**

Operating expenses for the three months and year ended December 31, 2017 were \$77.8 million and \$293.0 million, respectively, compared to \$78.6 million and \$277.1 million for the comparable periods in 2016.

The decrease in operating expenses for the three months ended December 31, 2017 was primarily due to lower street lighting maintenance costs, lower rental expenses due to expiration of rental agreements, and lower service fees for third party warehouse costs, partially offset by higher ancillary service costs.

The increase in operating expenses for the year ended December 31, 2017 was primarily due to higher costs in connection with ancillary services and system maintenance programs, partially offset by lower rental expenses due to expiration of rental agreements and lower street lighting maintenance costs.

#### Depreciation and Amortization

Depreciation and amortization expense for the three months and year ended December 31, 2017 was \$62.0 million and \$224.2 million, respectively, compared to \$59.6 million and \$212.2 million for the comparable periods in 2016.

The increase in depreciation and amortization expense for the three months and year ended December 31, 2017 was primarily due to new in-service asset additions in 2017, partially offset by certain assets being fully depreciated, and lower derecognition of assets removed from service.

#### Finance Costs

Finance costs for the three months and year ended December 31, 2017 were \$18.9 million and \$77.7 million, respectively, compared to \$19.5 million and \$74.2 million for the comparable periods in 2016.

The decrease in finance costs for the three months ended December 31, 2017 was primarily due to a lower average amount of outstanding long-term debt (\$2,058.6 million) in the fourth quarter of 2017 compared with the same period in 2016 (\$2,084.6 million) (see "Liquidity and Capital Resources" below).

The increase in finance costs for the year ended December 31, 2017 was primarily due to a higher average amount of outstanding long-term debt (\$2,078.4 million) during 2017 compared with the same period in 2016 (\$2,001.4 million) and lower capitalized borrowing costs (see "Liquidity and Capital Resources" below).



#### Gain on Disposals of PP&E

Gain on disposals of PP&E for the three months and year ended December 31, 2017 were \$0.2 million and \$9.8 million, respectively, compared to \$2.1 million for the comparable periods in 2016. The increase in gain on disposals of PP&E for the year ended December 31, 2017 was primarily due to the gain realized on disposal of a surplus property in the second quarter of 2017 (\$9.3 million), offset by lower gain realized on other disposals. The gain on disposal of a surplus property, net of tax of \$8.0 million was recorded as a regulatory balance on the Consolidated Balance Sheets to reduce future electricity distribution rates for customers, with a corresponding offset in net movements in regulatory balances on the Consolidated Statements of Income.

#### Income Tax Expense and Income Tax Recorded in Net Movements in Regulatory Balances

Income tax expense and income tax recorded in net movements in regulatory balances for the three months and year ended December 31, 2017 were \$4.9 million and \$31.5 million, respectively, compared to \$2.1 million and \$23.1 million for the comparable periods in 2016.

The unfavourable variance in income tax expense and income tax recorded in net movements in regulatory balances for the three months ended December 31, 2017 was primarily due to higher income before taxes (including net movements in regulatory balances), offset by higher net deductions for permanent and temporary differences between accounting and tax treatments.

The unfavourable variance in income tax expense and income tax recorded in net movements in regulatory balances for the year ended December 31, 2017 was primarily due to higher income before taxes (including net movements in regulatory balances) and lower net deductions for permanent and temporary differences between accounting and tax treatments.

# Net Movements in Regulatory Balances

In accordance with IFRS 14, the Corporation separately presents regulatory balances and related net movements on the Consolidated Balance Sheets and Consolidated Statements of Income.

The increase in the regulatory debit (\$9.1 million) and the decrease in the regulatory credit (\$9.4 million) balances for the year ended December 31, 2017 equals the sum (\$18.5 million) of net movements in regulatory balances, net movements in regulatory balances arising from deferred tax assets, and net movements in regulatory balances related to OCI, net of tax for the relevant period (see "Financial Position" below).

Energy purchases record the actual cost of power purchased which varies from month to month. Since the selling price of power within energy sales is fixed for set periods of time, a gain or loss usually results, and is part of the calculation of net income. However, per OEB regulations, such gains or losses on energy sales are deferred within balance sheet regulatory variance accounts for later disposition to or from rate payers via rate riders after approval by the OEB. Deferrals of gains or losses on energy sales (see discussion on "settlement variance" under "Results of Operations" above), or disposition of past deferrals in electricity rates will usually represent the largest single element of the net movements in regulatory balances for a period.

Net movements in regulatory balances for the three months ended December 31, 2017 were a recovery of \$10.9 million compared to a charge of \$30.6 million for the comparable period in 2016. The recovery of \$10.9 million for the three months ended December 31, 2017 was primarily due to the timing difference between the electricity costs billed monthly by the IESO and LDC's billing to customers, partially offset by amounts disposed through OEB approved rate riders and amounts being deferred into capital-related regulatory accounts for future refunds to customers. The charge of \$30.6 million for the three months ended December 31, 2016 was primarily due to the timing difference between the electricity costs billed monthly by the IESO and LDC's billing to customers.

Net movements in regulatory balances for the year ended December 31, 2017 were a charge of \$13.1 million compared to a charge of \$77.2 million for the comparable period in 2016. The charge of \$13.1 million for the year ended December 31, 2017 was primarily due to the timing difference between the electricity costs billed monthly by the IESO and LDC's billing to customers, partially offset by amounts disposed through OEB approved rate riders and amounts being deferred into capital-related regulatory accounts for future refunds to customers. The charge of \$77.2 million for the year ended December 31, 2016 was primarily due to the timing difference between the electricity costs billed monthly by the IESO and LDC's billing to customers, partially offset by the recognition of the 2016 approved foregone revenue per the OEB's CIR decision and rate order.



Net movements in regulatory balances related to OCI, net of tax for the three months and year ended December 31, 2017 were a recovery of \$18.4 million, compared to a charge of \$15.5 million for the comparable periods in 2016. The recovery of \$18.4 million for the three months and year ended December 31, 2017 was due to the actuarial loss recognized for post-employment benefits. The charge of \$15.5 million for the three months and year ended December 31, 2016 was due to the actuarial gain recognized for post-employment benefits.

# **Summary of Quarterly Results of Operations**

The table below presents a summary of the Corporation's results of operations for eight quarters including and immediately preceding December 31, 2017.

# **Summary of Quarterly Results of Operations** (in millions of Canadian dollars)

	December 31 2017	September 30 2017	June 30 2017	March 31 2017
	\$	\$	\$	\$
Energy sales	728.9	817.9	721.8	749.2
Distribution revenue	181.7	186.1	178.2	178.2
Other	27.7	36.6	23.0	20.4
Revenues	938.3	1,040.6	923.0	947.8
Net income after net movements				
in regulatory balances	35.1	46.8	35.0	39.6
	December 31	September 30	June 30	March 31
	2016	2016	2016	2016
	\$	\$	\$	\$
Energy sales	813.3	899.9	801.1	791.9
Distribution revenue	159.0	183.3	158.8	146.8
Other	22.0	21.2	16.8	15.9
Revenues	994.3	1,104.4	976.7	954.6
Net income after net movements				
in regulatory balances	23.4	52.5	31.2	44.3

The Corporation's revenues, all other things being equal, are impacted by temperature fluctuations and unexpected weather conditions. Revenues would tend to be higher in the first quarter as a result of higher energy consumption for winter heating, and in the third quarter due to air conditioning/cooling. The Corporation's revenues are also impacted by fluctuations in electricity prices and the timing and recognition of regulatory decisions and rate orders.



# **Financial Position**

The following table outlines the significant changes in the consolidated balance sheets as at December 31, 2017 as compared to the consolidated balance sheets as at December 31, 2016.

# **Consolidated Balance Sheet Data** (in millions of Canadian dollars)

	Increase	
Balance Sheet Account	(Decrease)	Explanation of Significant Change
Assets		
Accounts receivable and unbilled revenue	(54.3)	The decrease was primarily due to lower pass- through electricity costs, partially offset by the recognition of the CDM mid-term incentive receivable.
Assets held for sale	8.7	In 2017, LDC commenced the process to sell a property to a third party and subsequently entered into a sales agreement. Accordingly, the carrying amount of the property of \$8.7 million was reclassified from PP&E to Assets held for sale.
PP&E and intangible assets	314.6	The increase was primarily due to capital expenditures, partially offset by depreciation and derecognition, and reclassification of assets held for sale during the year.
Deferred tax assets	(6.8)	The decrease was primarily due to lower net deductible temporary differences between tax and accounting values of PP&E and intangible assets.
Liabilities and Equity		
Commercial paper	(102.0)	The decrease was primarily due to repayment using the proceeds from the equity investment received from the City in June 2017 (\$250.0 million), offset by issuances required for general corporate purposes (see "Liquidity and Capital Resources" below).
Debentures	(50.6)	The decrease was primarily due to the repayment of the Series 2 debentures (\$250.0 million), partially offset by the issuance of Series 13 debentures (\$200.0 million) in the fourth quarter of 2017 (see "Liquidity and Capital Resources" below).
Accounts payable and accrued liabilities	11.9	The increase was primarily due to timing differences in payments, partially offset by lower electricity costs payable to the IESO.
Deferred revenue	44.5	The increase was primarily due to capital contributions received in 2017.



# Consolidated Balance Sheet Data (in millions of Canadian dollars)

<b>Balance Sheet Account</b>	Increase (Decrease) \$	Explanation of Significant Change
Post-employment benefits	32.5	The increase was primarily due to the recognized actuarial loss driven by the annually updated actuarial assumptions.
Retained earnings	81.5	The increase was due to net income after net movements in regulatory balances (\$156.5 million) offset by dividends paid (\$75.0 million).
Regulatory Balances		
Regulatory debit balances	9.1	The increase was primarily due to the OPEB actuarial loss recorded as regulatory debit balance, partially offset by amounts disposed through OEB-approved rate riders primarily related to foregone revenue.
Regulatory credit balances	(9.4)	The decrease was primarily due to balances arising in the period related to settlement variances, partially offset by amounts being deferred into capital related regulatory accounts for future refunds to customers and amounts disposed through OEB-approved rate riders.

# **Liquidity and Capital Resources**

The Corporation's current assets and current liabilities amounted to \$526.7 million and \$770.5 million, respectively, as at December 31, 2017, resulting in a working capital deficit of \$243.8 million. The deficit is attributable to the Corporation's preference for utilizing its Commercial Paper Program and Working Capital Facility (both defined below) before issuing additional debentures to fulfill the Corporation's ongoing liquidity requirements, including funding of significant capital spending in the current year. The Corporation seeks to maintain an optimal mix of short-term and long-term debt in order to lower overall financing costs and to enhance borrowing flexibility.

The Corporation's primary sources of liquidity and capital resources are cash provided by operating activities, issuances of commercial paper, amounts available to be drawn against its credit facilities, and borrowings from debt capital markets. The Corporation's liquidity and capital resource requirements are mainly for capital expenditures to maintain and improve the electricity distribution system of LDC, for energy purchases and to meet financing obligations. See "Liquidity Risk" under note 16 to the Consolidated Financial Statements.



The amount available under the Revolving Credit Facility and the outstanding borrowings under the Revolving Credit Facility and Commercial Paper Program are as follows:

(in millions of Canadian dollars)	Revolving Credit Facility Limit \$	Revolving Credit Facility Borrowings \$	Commercial Paper Outstanding \$	Revolving Credit Facility Availability \$
December 31, 2017	800.0	-	159.0	641.0
December 31, 2016	800.0	-	261.0	539.0

The Corporation is a party to a \$20.0 million demand facility with a Canadian chartered bank for the purpose of working capital management ("Working Capital Facility"). As at December 31, 2017, \$11.7 million had been drawn under the Working Capital Facility compared to \$7.1 million as at December 31, 2016.

# Consolidated Statements of Cash Flow Data (in millions of Canadian dollars)

		Three months ended December 31		ar ember 31
	2017	2016	2017 \$	2016
_	\$	\$ \$		\$
Working capital facility beginning of period	(10.1)	(9.1)	(7.1)	(14.2)
Net cash provided by operating activities	211.4	191.7	584.7	571.3
Net cash used in investing activities	(132.3)	(138.2)	(520.9)	(549.4)
Net cash used in financing activities	(80.7)	(51.5)	(68.4)	(14.8)
Working capital facility, end of period	(11.7)	(7.1)	(11.7)	(7.1)

# **Operating Activities**

Net cash provided by operating activities for the three months and year ended December 31, 2017 was \$211.4 million and \$584.7 million, respectively, compared to \$191.7 million and \$571.3 million for the comparable periods in 2016.

The increase in net cash provided by operating activities for the three months and year ended December 31, 2017 was primarily due to improved working capital mainly related to timing differences in the settlement of receivable and payables (see note 22 to the Consolidated Financial Statements), and lower net movements in regulatory balances arising from deferred tax assets, partially offset by lower collection from energy sales in excess of energy purchases, which were deferred as a settlement variance and timing of income tax instalments paid.

# **Investing Activities**

Net cash used in investing activities for the three months and year ended December 31, 2017 was \$132.3 million and \$520.9 million, respectively, compared to \$138.2 million and \$549.4 million for the comparable periods in 2016.

The decrease in net cash used in investing activities for the three months ended December 31, 2017 was due to lower cash spending on capital projects, partially offset by lower proceeds on disposals of PP&E in the fourth quarter of 2017.

The decrease in net cash used in investing activities for the year ended December 31, 2017 was due to lower cash spending on capital projects and higher proceeds on disposals.

Electricity distribution is a capital-intensive business. As the municipal electricity distribution company serving the largest city in Canada, LDC continues to invest in the renewal of existing aging infrastructure to address safety, reliability and customer service requirements.



The following table summarizes the Corporation's capital expenditures, both PP&E and intangible assets, which are inclusive of capital accruals, for the periods indicated.

# Capital Expenditures (in millions of Canadian dollars)

	Three months ended December 31		Yea ended Dece	
	2017	2016	2017	2016
	\$	\$	\$	\$
Regulated LDC				
Distribution system				
Planned <sup>1</sup>	103.1	85.1	373.0	365.3
Reactive	12.8	16.9	48.1	47.6
Copeland Station	4.9	7.8	23.2	22.6
Facilities consolidation	-	16.1	35.2	50.6
Technology assets	20.3	17.0	54.9	49.1
Other <sup>2</sup>	5.3	3.8	10.5	10.8
Regulated capital expenditures	146.4	146.7	544.9	546.0
Unregulated capital expenditures <sup>3</sup>	2.5	2.5	8.0	5.7
Total capital expenditures	148.9	149.2	552.9	551.7

Includes, among other initiatives, the replacement of underground and overhead infrastructures, station programs, and the delivery of customer connections.

The total regulated capital expenditures for the three months and year ended December 31, 2017 were \$146.4 million and \$544.9 million, respectively, compared to \$146.7 million and \$546.0 million for the comparable periods in 2016.

For the three months ended December 31, 2017, spending on regulated capital expenditure year over year was relatively consistent. Changes were primarily related to lower spending on the facilities consolidation program (\$16.1 million), partially offset by higher spending on the implementation of an SAP ERP project (\$8.1 million), station programs related to the renewal of aging station infrastructure (\$4.7 million), network infrastructure (\$1.8 million), and metering (\$1.7 million).

For the year ended December 31, 2017, the decrease in regulated capital expenditures was primarily related to lower spending on overhead infrastructure (\$19.1 million), the radio project (\$16.0 million), and the facilities consolidation program (\$15.4 million). These variances were partially offset by higher spending on station programs related to the renewal of aging station infrastructure (\$26.2 million), the implementation of an SAP ERP project (\$19.9 million), and metering (\$7.3 million).

The largest capital initiatives in 2017 include the replacement of underground and overhead infrastructures, station programs, delivery of customer connections, the facilities consolidation program, and the construction of Copeland Station in response to the growing need for distribution options in the downtown core of the City.

The replacement of underground infrastructure includes replacing direct buried cables, transformer switches, handwells and other aging underground infrastructure. The replacement of overhead infrastructure includes replacing poles, overhead transformers, conductors, overhead switches and other aging overhead infrastructure and equipment. Both initiatives will allow LDC to continue to provide ongoing safe and reliable service to its customers. For the year ended December 31, 2017, capital expenditures for the underground and overhead infrastructures were \$92.9 million and \$66.6 million, respectively.

The station programs relate to the lifecycle management of electrical equipment installed at each of the Corporation's active Municipal and transformer stations, while ensuring that adequate capacity is available to serve customers. For the year ended December 31, 2017, capital expenditures for the station programs were \$59.5 million.

<sup>&</sup>lt;sup>2</sup> Includes fleet capital and buildings.

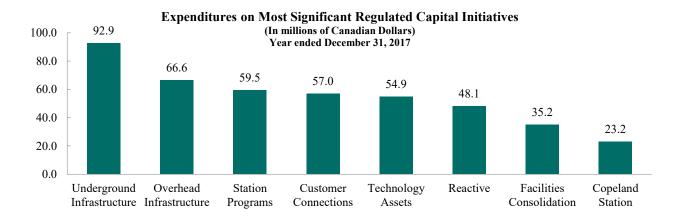
<sup>&</sup>lt;sup>3</sup> Primarily relates to street lighting and generation equipment.



The delivery of customer connections includes spending related to new services and upgrades to existing services for specific commercial customers. For the year ended December 31, 2017, capital expenditures for the delivery of customer connections were \$57.0 million.

The facilities consolidation program relates to the consolidation of operating centres to lower operating centre costs and simplify long-term planning. In the year ended December 31, 2017, the Corporation continued relocating staff, equipment and operations as well as performing the required capital investment on specific properties and incurred costs of \$35.2 million.

Copeland Station will be the first transformer station built in downtown Toronto since the 1960's and will be the second underground transformer station in Canada. When in service, it will provide electricity to buildings and neighbourhoods in the central-southwest area of Toronto. During 2017, major electrical equipment including power transformers and high and medium voltage switchgear, medium voltage cable, control wiring and DC systems was installed, tested and commissioned, and the high voltage cable was completed. The electric station service equipment was installed and energized. Protection and control equipment was installed and testing and commissioning commenced. In addition, the machine shop installation and landscaping were completed and sidewalks and roadway were paved. HONI, the electricity transmission provider, commenced the installation of their transmission equipment, including high voltage switchgear and protection and control equipment. As at December 31, 2017, the cumulative capital expenditures on the Copeland Station project amounted to \$195.1 million, plus capitalized borrowing costs. All capital expenditures related to Copeland Station are recorded to PP&E. Copeland Station is one of the most complex projects ever undertaken by the Corporation and the expected completion date is 2018. The total capital expenditure required to complete the project is approximately \$200.0 million, plus capitalized borrowing costs. There may be additional unforeseen delays and expenditures prior to completion of the project. See "Risk Management and Risk Factors" below for further information on the Copeland Station project.



#### Financing Activities

Net cash used in financing activities for the three months and year ended December 31, 2017 was \$80.7 million and \$68.4 million, respectively, compared to \$51.5 million and \$14.8 million for the comparable periods in 2016. The change for the year was primarily due to the repayment of the Corporation's Series 2 debentures and commercial paper and an increase in dividends paid, partially offset by the equity investment received from the City in June 2017.

The Corporation is a party to a credit agreement with a syndicate of Canadian chartered banks which established a revolving credit facility expiring on October 10, 2022 ("Revolving Credit Facility"), pursuant to which it may borrow up to \$800.0 million, of which up to \$210.0 million is available in the form of letters of credit. On August 1, 2017, the maturity date of the Revolving Credit Facility was extended by one year from October 10, 2021 to October 10, 2022. As at December 31, 2017, the Corporation was in compliance with all covenants included in its Revolving Credit Facility agreement.



The Corporation has a commercial paper program allowing up to \$600.0 million of unsecured short-term promissory notes ("Commercial Paper Program") to be issued in various maturities of no more than one year. The Commercial Paper Program is supported by liquidity facilities available under the Revolving Credit Facility; hence, available borrowing under the Revolving Credit Facility is reduced by the amount of commercial paper outstanding at any point in time. Proceeds from the Commercial Paper Program are used for general corporate purposes.

For the three months and year ended December 31, 2017, the average aggregate outstanding borrowings under the Corporation's Revolving Credit Facility, Working Capital Facility and Commercial Paper Program were \$140.2 million and \$210.3 million respectively, with a weighted average interest rate of 1.21% and 0.93% (compared to \$253.2 million and \$348.7 million with a weighted average interest rate of 0.83% and 0.89% for the three months and year ended December 31, 2016).

Additionally, the Corporation is a party to a \$75.0 million demand facility with a Canadian chartered bank for the purpose of issuing letters of credit mainly to support LDC's prudential requirements with the IESO ("Prudential Facility"). As at December 31, 2017, \$38.4 million of letters of credit were issued against the Prudential Facility.

The Corporation filed a base shelf prospectus dated May 8, 2017 with the securities commissions or similar regulatory authorities in each of the provinces of Canada. These filings allow the Corporation to make offerings of unsecured debt securities of up to \$1.0 billion during the 25-month period following the date of the prospectus.

On November 14, 2017, the Corporation issued \$200.0 million senior unsecured debentures at a rate of 3.485% ("Series 13"). The Series 13 debentures due on February 28, 2048 were priced at \$999.29 per \$1,000 principal amount and bear interest payable semi-annually in arrears. The net proceeds were used to repay certain existing indebtedness and for general corporate purposes. Debt issuance costs of \$1.4 million relating to the Series 13 debentures were recorded against the carrying amount of the debentures in the fourth quarter of 2017 and are amortized to finance costs using the effective interest method.

The Corporation's Series 2 debentures matured and were repaid on November 14, 2017.

As at December 31, 2017, the Corporation had debentures outstanding in the principal amount of \$2.0 billion. These debentures will mature between 2019 and 2063. As at December 31, 2017, the Corporation was in compliance with all covenants included in its trust indenture and supplemental trust indentures.

The following table sets out the current credit ratings of the Corporation:

# Credit Ratings As at December 31, 2017

	DBRS	DBRS		Standard & Poor's	
	Credit Rating	Credit Rating Trend		Outlook	
Issuer rating	A	Stable	A	Stable	
Senior unsecured debentures	A	Stable	A	-	
Commercial paper	R-1 (low)	Stable	-	-	

The Corporation believes that it has sufficient available sources of liquidity and capital to satisfy working capital requirements for the next twelve months.

On March 2, 2017, the Board of Directors of the Corporation declared dividends in the amount of \$6.25 million with respect to the first quarter of 2017 (March 31, 2016 – \$44.6 million), which was paid to the City on March 31, 2017.

On May 11, 2017, the Board of Directors of the Corporation declared dividends in the amount of \$6.25 million with respect to the second quarter of 2017 (June 30, 2016 – \$6.25 million), which was paid to the City on June 30, 2017.

In connection with receipt of the equity investment from the City, the Board of Directors of the Corporation declared dividends payable to the City and approved amendments to the Corporation's Dividend Policy, as follows:



- In respect of fiscal 2017, an aggregate amount of \$75.0 million shall be paid to the City, consisting of the two previously declared and paid instalments of \$6.25 million each and a further \$62.5 million. The \$62.5 million was paid to the City on July 7, 2017.
- In respect of fiscal 2018 and subsequent fiscal years, 60% of the Corporation's consolidated net income after net movements in regulatory balances for the prior fiscal year shall be declared separately in four equal quarterly instalments, with each instalment payable to the City on the last business day of each fiscal quarter.

On March 7, 2018, the Board of Directors of the Corporation declared a quarterly dividend in the amount of \$23.5 million, payable to the City by March 31, 2018.

#### Summary of Contractual Obligations and Other Commitments

The following table presents a summary of the Corporation's debentures, major contractual obligations and other commitments.

# Summary of Contractual Obligations and Other Commitments As at December 31, 2017 (in millions of Canadian dollars)

	Total \$	2018 \$	2019/2020 \$	2021/2022 \$	After 2022 \$
Working Capital Facility	11.7	11.7	-	-	-
Commercial paper 1	159.0	159.0	-	-	-
Debentures – principal repayment	2,045.0	-	250.0	300.0	1,495.0
Debentures – interest payments	1,471.3	75.7	143.1	121.3	1,131.2
Operating leases	1.4	0.3	0.6	0.5	-
Capital projects <sup>2</sup> and other	46.0	17.5	27.5	1.0	-
Finances leases	1.5	1.5	-	-	-
Total contractual obligations and other					
commitments	3,735.9	265.7	421.2	422.8	2,626.2

<sup>&</sup>lt;sup>1</sup> The notes under the Commercial Paper Program were issued at a discount and are repaid at their principal amount.

#### **Corporate Developments**

#### Changes to the Corporation's Board of Directors and Audit Committee

Effective January 1, 2017, the City, as the sole shareholder of the Corporation, re-appointed Councillor Paul Ainslie, Deputy Mayor Stephen Holyday (as the Mayor's designate), and Deputy Mayor Denzil Minnan-Wong to the Board of Directors for a term ending November 30, 2018, or until their successors are appointed.

On March 2, 2017, the Board of Directors of the Corporation confirmed the Chair of the Corporation, David McFadden, as an ex officio member of each of its Audit, Corporate Governance and Nominating, and Human Resources and Environment Committees, with all the responsibilities and privileges of the regular members of each committee.

Effective April 26, 2017, the City appointed Juliana Lam to the Board of Directors. The appointment is effective for a term ending April 26, 2019, or until her successor is appointed. Juliana Lam was appointed by the Board of Directors to the Audit Committee to replace Brian Chu who retired from the Audit Committee, effective May 11, 2017.

Effective December 10, 2017, the City re-appointed David McFadden, Brian Chu, Heather Zordel, the Honourable Howard Weston, Senator, Mary Ellen Richardson, Michael Nobrega and Tamara Kronis to the Board of Directors for a term ending December 10, 2019, or until their successors are appointed.

<sup>&</sup>lt;sup>2</sup> Primarily commitments for construction services and estimated capital contributions.



# **Electricity Distribution Rates**

The OEB's regulatory framework for electricity distributors is designed to support the cost-effective planning and operation of the electricity distribution network and to provide an appropriate alignment between a sustainable, financially viable electricity sector and the expectations of customers for reliable service at a reasonable price.

The OEB typically regulates the electricity rates for distributors using a combination of detailed cost of service reviews and IRM adjustments. Under the OEB's rate-setting methods, actual operating conditions may vary from forecasts such that actual returns achieved can differ from approved returns. Approved electricity rates are generally not adjusted as a result of actual costs or revenues being different from forecasted amounts, other than for certain prescribed costs that are eligible for deferral for future collection from, or refund to, customers.

On March 1, 2016 pursuant to LDC's 2015 – 2019 CIR application, the OEB set 2018 distribution rates on an interim basis. On August 23, 2017, LDC filed its 2018 rate application seeking OEB's approval to finalize distribution rates and other charges for the period commencing on January 1, 2018 and ending on December 31, 2018. On December 14, 2017, the OEB issued a decision and rate order approving LDC's 2018 rates, with an effective date of January 1, 2018, and the disposition of certain deferral and variance accounts.

### Ontario's Fair Hydro Plan

On March 2, 2017, the Government of Ontario announced the OFHP, which includes a number of initiatives, some of which affect LDC or its customers.

OFHP includes the OREC, which came into effect on January 1, 2017. The OREC provides eligible customers with financial assistance in the form of an 8% rebate of the pre-tax cost of their electricity. The OREC rebates are administered by LDC and paid by the IESO in the month following customer billing. Current accounts receivable and unbilled revenue include the amount owing by the IESO to LDC. No effect on revenue or expense is recognized by LDC in respect of the OREC rebates.

OFHP also includes the OFHA, which enacted the Ontario Fair Hydro Plan Act, 2017 and amended the Electricity Act, 1998 and the Ontario Energy Board Act, 1998. The OFHA came into effect on June 1, 2017 and its impact is reflected in the Consolidated Financial Statements. The OFHA provides eligible customers with financial assistance through various changes to commodity pricing, new or amended programs, and eliminating or reducing certain provincial charges on the electricity bill. The OFHP reduces electricity bills by 25% on average for eligible customers, which includes the 8% OREC rebate. The OFHA reduces the total electricity bill for eligible customers and, accordingly, reduces current accounts receivable, unbilled revenue, accounts payable and accrued liabilities for LDC. No effect on distribution revenue or expense is recognized by LDC in respect of the OFHA.

#### CDM Activities

On March 26, 2014, the Minister of Energy of Ontario, under the guidance of sections 27.1 and 27.2 of the OEB Act, directed the OEB to amend the licence of each licensed electricity distributor to require the electricity distributor, as a condition of its licence, to make CDM programs available to its customers and to do so in relation to each customer segment in its service area, over the period beginning January 1, 2015 through December 31, 2020. On March 31, 2014, the Minister of Energy of Ontario issued a direction to require the OPA to coordinate, support and fund the delivery of CDM programs through electricity distributors. The objective of the CDM efforts is to reduce electricity consumption in the Province of Ontario by a total of 7 terawatt hours between January 1, 2015 and December 31, 2020, of which LDC's share is approximately 1,576 GWh of energy savings.

On November 13, 2014, LDC entered into an energy conservation agreement with the OPA for the delivery of CDM programs over the 2015-2020 period. The IESO and the OPA were merged under the name IESO starting on January 1, 2015.

Under the energy conservation agreement with the IESO, LDC has a joint CDM plan with Oakville Hydro Electricity Distribution Inc. ("Oakville Hydro") for the delivery of CDM programs over the 2015-2020 period. LDC can choose between full cost recovery funding, pay-for-performance funding, or a combination of both, on a CDM program by program basis. Under the full cost recovery funding method, the IESO reimburses LDC for all adequately documented incurred costs, with an option to receive a portion of its funding in advance. Cost efficiency incentives may be awarded



if LDC's electricity savings meet or exceed certain CDM plan targets for programs under the full cost recovery funding method, with a mid-term review to be performed by the IESO for the 2015-2017 period. Under the pay-for-performance funding method, LDC receives payment in arrears based on verified electricity savings achieved with various options for frequency of payment. The programs under the joint CDM plan with Oakville Hydro are only being offered under the full cost recovery funding method.

The joint CDM plan provides combined funding of approximately \$425.0 million, including participant incentives and program administration costs to achieve an aggregate energy savings target of approximately 1,668 GWh. Oakville Hydro's programs under the joint CDM plan started on January 1, 2016. LDC received \$44.9 million as at December 31, 2016 and \$57.4 million in the year ended December 31, 2017 from the IESO for the delivery of CDM programs. Amounts received but not yet spent are presented on the consolidated balance sheets under current liabilities as deferred conservation credit. As at December 31, 2017, LDC estimated that approximately \$12.9 million qualified as a joint mid-term incentive, of which \$12.2 million represents LDC's portion and is included within accounts receivable.

Effective October 16, 2017, LDC entered into an agreement to transfer \$4.0 million of funding and a corresponding 20 GWh of its energy savings target to another local distribution company. This agreement will decrease the joint CDM plan funding with Oakville Hydro to \$421.0 million, with a revised energy savings target of 1,648 GWh. The revised CDM plan was approved by the IESO on December 14, 2017.

#### **Legal Proceedings**

In the ordinary course of business, the Corporation is subject to various legal actions and claims from customers, suppliers, former employees and other parties. On an ongoing basis, the Corporation assesses the likelihood of any adverse judgments or outcomes as well as potential ranges of probable costs and losses. A determination of the provision required, if any, for these contingencies is made after an analysis of each individual issue. The provision may change in the future due to new developments in each matter or changes in approach, such as a change in settlement strategy. If damages were awarded under these actions, the Corporation and its subsidiaries would make a claim under any applicable liability insurance policies which the Corporation believes would cover any damages which may become payable by the Corporation and its subsidiaries in connection with these actions, subject to such claim not being disputed by the insurers. There have been no material changes in legal proceedings as disclosed in note 25 to the Consolidated Financial Statements.

#### **Share Capital**

Share capital consists of the following:

	Number of Shares	\$
Authorized  The authorized share capital of the Corporation consists of an unlimited number of common shares without par value. All shares issued were fully paid.		
Issued and outstanding		
Common shares, beginning of the year	1,000	567.8
Common shares issued <sup>1</sup>	200	250.0
Common shares issued and outstanding, end of the year	1,200	817.8

On June 28, 2017, the Corporation issued 200 common shares to the City for total proceeds of \$250.0 million, net of share issue costs and expenses.



#### **Transactions with Related Parties**

As the City is the sole shareholder of the Corporation, the Corporation and the City are considered related parties. The Corporation provides electricity, street lighting and ancillary services to the City. All transactions with the City are conducted on terms similar to those offered to unrelated parties.

# Summary of Transactions with Related Parties (in millions of Canadian dollars)

	Year ended Dec	Year ended December 31		
	<b>2017</b> \$	2016 \$		
Revenues Operating expenses and capital expenditures Dividends	283.3 22.2 75.0	275.3 26.9 63.4		

# Summary of Amounts Due to/from Related Parties (in millions of Canadian dollars)

	As at Decer	As at December 31		
	2017 \$	<b>2016</b> \$		
Accounts receivable	13.8	12.7		
Unbilled revenue	26.3	23.2		
Accounts payable and accrued liabilities	40.1	41.0		
Customer deposits	15.7	14.1		
Deferred revenue	1.9	3.5		

Revenues represent amounts charged to the City primarily for electricity, street lighting and ancillary services. Operating expenses and capital expenditures represent amounts charged by the City for purchased road cut repairs, property taxes and other services. Dividends are paid to the City.

Accounts receivable represents receivables from the City primarily for electricity, street lighting and ancillary services. Unbilled revenue represents receivables from the City mainly related to electricity provided and not yet billed. Accounts payable and accrued liabilities represent amounts payable to the City related to road cut repairs and other services. Customer deposits represent amounts received from the City for future expansion projects. Deferred revenue represents amounts received from the City primarily for the construction of electricity distribution assets.

#### **Controls and Procedures**

For purposes of certain Canadian securities regulations, the Corporation is a "Venture Issuer". As such, it is exempt from certain requirements of National Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings. Accordingly, the Chief Executive Officer and Chief Financial Officer have reviewed the Consolidated Financial Statements and the MD&A for the year ended December 31, 2017 and 2016. Based on their knowledge and exercise of reasonable diligence, they have concluded that these documents fairly present in all material respects the financial condition, financial performance and cash flows of the Corporation as at the date of and for the period presented.



#### Risk Management and Risk Factors

The Corporation faces various risks that could impact the achievement of its strategic objectives. It adopts an enterprise wide approach to risk management, achieved through a process of consolidating and aligning the various views of risk across the enterprise via a risk governance structure. The Corporation executes its ERM activities via an ERM framework that is aligned to industry best practices and international guidelines. The Corporation views ERM as a management activity undertaken to add value and improve overall operations. It helps the Corporation by enabling the attainment of its strategic goals and objectives through a systematic, disciplined approach towards identifying, evaluating, treating, monitoring and reporting of risks. Accordingly, ERM is an integral part of the strategic management of the Corporation and is routinely considered in forecasting, planning and executing all aspects of the business.

The ERM framework is operationalized by a consistent, disciplined methodology that clearly defines the risk management process which incorporates subjective elements, risk quantification and risk interdependencies.

While the Corporation's philosophy is that ERM is the responsibility of all business units, at all levels, in strategic and operational matters, the ERM governance structure is comprised of three key levels.

At the top level is the Board, which works to maintain a general understanding of the Corporation's risk profile, the risk categories, the types of risks to which the Corporation may be exposed and the practices used to identify, assess, measure and manage those risks. The risk profile is a list of key risks that represent the greatest threats to achieving the Corporation's strategic objectives.

The second level is the executive team, the lead body to ensure systems are in place to identify, manage, and monitor risks. Through its review of reports from the business and other areas, the executive team assesses the appropriateness and consistent application of systems to manage risks within the Corporation. The executive team also ensures that key risks are brought forward to the attention of the Board for discussion and action, as required.

Finally, the third level is the senior leadership team. The senior leadership team supports the executive team and is a collection of subject matter experts from across the Corporation who actively engage in the day-to-day management of risks. Working with the executive team, this group oversees the Corporation's risk profile, its performance against the defined risk appetite and determines appropriate risk responses. They also work to ensure effective, efficient, complete and transparent risk reporting to the executive team.

The Corporation's business is subject to a variety of risks including those described in the following sections. There can be no assurance that any steps the Corporation may take to manage risks will avoid future loss resulting from the occurrence of such risks.

#### **Risks from External Influences**

# Ownership by the City and Inconsistent Policy Risk

The Corporation is subject to the risk that its shareholder can potentially limit the Corporation's ability to meet its business objectives as laid out in the Shareholder Direction principles. Under the Shareholder Direction, the City also has the power to direct the Corporation and its subsidiaries to conduct their affairs and govern their operations in accordance with such rules, policies, directives or objectives as are directed by City Council from time to time. These council approved directions can be inconsistent and/or divergent with the Shareholder Direction principles and could materially adversely affect the Corporation's business, operations, financial condition or prospects if the Corporation is required to comply with such directions.

#### Regulatory Risk

The Corporation is subject to the risk that its business activities may be impeded by the OEB (includes both traditional regulated Cost of Service work and non-traditional new ancillary service model work). There is a risk that future changes to Ontario's regulatory model, manner of regulation and/or broader government policy framework does not align with the Corporation's business direction and could materially adversely affect the Corporation's strategic goals and financial results.



Ontario's electricity industry regulatory developments may affect the electricity distribution rates charged by LDC and the costs LDC is permitted to recover. This may in turn have a material adverse effect on the financial performance of the Corporation and/or LDC's ability to deliver effective and efficient operations and reliable service to its customers, and as well as create barriers to LDC achieving its strategic objectives. Among other things, there can be no assurance that:

- the OEB will approve LDC's electricity distribution rates, at levels that will permit LDC to carry out its planned capital expenditures required to maintain safe and reliable service to its customers and earn the allowed rate of return on the investment in the business:
- all capital expenditures incurred by LDC will be approved by the OEB. In particular, capital cost overruns due to project delays or increased costs may not be recoverable in distribution rates;
- the regulatory instruments that are made available to LDC will be sufficient to address LDC's operations, needs and circumstances in respect of future applications for electricity distribution rates;
- the OEB will not set a lower recovery for LDC's cost of capital;
- the full cost of providing service to distribution customers will be permitted to be recovered through LDC's electricity distribution rates;
- the OEB will not permit competitors to provide distribution services in LDC's licensed area, or permit loads within LDC's service area to become electrically served by a means other than through LDC's electricity distribution system;
- the OEB will allow recovery for revenue lost as a consequence of unanticipated effects of CDM;
- parts of LDC's services will not be separated from LDC and opened to competition; or
- regulatory or other changes will not be made to the PILs regime.

Any future regulatory decision to disallow or limit the recovery of costs could lead to potential asset impairment and charges to results from operations, which could have a material adverse effect on the Corporation.

#### Political and Legislative Risk

The Corporation is subject to the risk that government bodies and policy priorities of government may impact the Corporation's ability to deliver effective and efficient operations and meet business objectives. Changes to any of the laws, rules, regulations and policies applicable to the businesses carried on by the Corporation could materially adversely affect the Corporation. There can be no assurance that the Corporation will be able to comply with applicable future laws, rules, regulations and policies. Failure by the Corporation to comply with applicable laws, rules, regulations and policies may subject the Corporation to civil or regulatory proceedings that could have a material adverse effect on the Corporation. The OEB may not allow recovery for the costs of coming into or maintaining compliance with these laws, rules, regulations and policies.

#### **Risks to Maintaining Operations**

# Human Capital Risk

The Corporation is subject to the risk that human resources may not be available with the necessary knowledge, skills and education to support the Corporation's future talent requirements. All retirements pose risks for knowledge management and business continuity, both at the Corporation and the industry. Development and retention of talent to meet the evolving needs of the business requires LDC to focus on a series of proactive activities and programs to mitigate these risks, such as strategic workforce planning, promotion of apprenticeship programs, investments in colleges and universities, succession planning, knowledge transfer and a robust training program.

The Corporation's ability to operate successfully in the electricity industry in Ontario will continue to depend in part on its ability to make changes to existing work processes and conditions in order to adapt to changing circumstances. The Corporation's ability to make such changes, in turn, will continue to depend in part on its relationship with its



labour unions including reaching a new collective bargaining agreement with Power Workers' Union. There can be no assurance that the Corporation will be able to secure the support of its labour unions.

#### Strategy and Business Model Risk

The Corporation is subject to the risk that it may fail to monitor the external environment and or develop and pursue strategies through appropriate business models, thus failing to gain a strategic advantage, which could materially adversely affect the Corporation. The OEB distribution licence issued to LDC stipulates a service area that reflects the territory within the City. By law, only the OEB can grant such a licence for a service area and only an entity with such a licence can provide licenced services to the public-at-large within a service area. The OEB has not granted any other distribution licence that permits distribution within LDC's service area. In addition to this regulatory barrier to entry, there are other barriers to entry, including the cost of constructing an electricity distribution system, physical space limitations within and legal access to the right-of-way, the specialized skills associated with the distribution business, the level of expertise required to achieve operational and regulatory compliance, and LDC's relationships with its customers. There can be no assurance that these barriers will continue to be sufficient to prevent this type of competition. Other regulated and unregulated entities have always competed with LDC and its predecessors to provide customers with other sources of energy, including electricity. The pervasiveness of this competition and its effects on LDC's distribution business have varied over time and continue to vary based on many factors, including the relative price of energy source (e.g., natural gas, grid-supplied electricity, behind-the-meter generation) and technology advancements (e.g., multi-unit building sub-metering, micro-grids, electricity storage).

There can be no assurance that the future nature, prevalence, or effects of these forms of competition will be comparable to current or historic experience. Failure to effectively scan our external and internal environment could lead to missed business opportunities and loss of competitive advantage (see "Customer Risk" section for additional details).

#### Asset Integrity Risk

The Corporation is subject to the risk that it may be unable to maintain continuous supply due to failure of the existing distribution infrastructure and assets which could materially adversely affect the Corporation. Electricity distribution is a capital-intensive business. As the municipal electricity distribution company serving the largest city in Canada, LDC continues to invest in the renewal of existing aging infrastructure and in the development of new infrastructure (such as the Copeland Station project) to address safety, reliability and customer service requirements.

LDC estimates that approximately one-third of its electricity distribution assets have already exceeded or will reach the end of their expected useful lives within the next 5-year period. At the same time, Toronto is a growing city, and LDC must make system upgrades to expand its capacity to keep pace with urban intensification and electrification. In addition, as the City, Ontario and the Government of Canada implement policies and programs to respond to climate change, the pressures on the Corporation's system will only increase. Widespread adoption of electric vehicles, fuel switching and changing emissions standards make electricity the comparatively clean energy choice. This drives the need for significant capital expenditures for system upgrades so that the grid can handle such increased load. LDC's ability to continue to provide a safe work environment for its employees and a reliable and safe distribution service to its customers and the general public will depend on, among other things, the ability of the Corporation to fund additional infrastructure, and the OEB allowing recovery of costs in respect of LDC's maintenance program and capital expenditure requirements for distribution plant refurbishment and replacement.

One of LDC's largest capital initiatives currently in progress is the construction of Copeland Station, which is also one of the most complex projects ever undertaken by the Corporation. Due to unforeseen delays, the expected completion date for the Copeland Station project has been extended to 2018 and it is currently anticipated that the total expenditure required to complete the project will increase from \$195.0 million to approximately \$200.0 million, plus capitalized borrowing costs as applicable. There may be additional unforeseen delays and expenditures prior to the completion of the project. On January 25, 2017, the Corporation was informed that Carillion Construction Inc., the general contractor for the Copeland Station Project, filed for creditor protection under the Companies' Creditors Arrangement Act after its affiliate, Carillion plc, went into compulsory liquidation in the United Kingdom.

All capital projects for new and replacement infrastructure have risks related to delays or increased costs due to many factors, including: necessary modifications to project plans; the availability, scheduling and cost of materials,



equipment and qualified personnel; LDC's ability to obtain necessary environmental and other regulatory and governmental approvals; and the impact of weather conditions, site conditions and contractor performance.

LDC is focused on overcoming the above challenges and executing its capital and maintenance programs. However, if LDC is unable to carry out these plans in a timely and optimal manner or becomes subject to significant unforeseen equipment failures, equipment performance will degrade. Such degradation may compromise the reliability of distribution assets, the ability to deliver sufficient electricity and/or customer supply security and increase the costs of operating and maintaining these assets.

#### Occupational Health and Safety Risk

The Corporation is subject to the risk that employees may be exposed to serious or fatal injuries or illness as a result of the work environment in which they operate. Due to the nature of the Corporation's business and business activities, occupational safety is an integral part of our corporate culture. Employees could be exposed to hazards when performing their work duties. This includes hazards such as electrical contact, working in confined spaces, fires and explosions, slips, trips and falls and motor vehicle accidents. The Corporation is subject to compliance with provincial Health and Safety legislation. The Corporation's management approach to occupational safety is to meet or excel on legal compliance and eliminate or safeguard known occupational hazards and risks. There are processes in place to develop and nurture good leadership practices through recruitment, education, training and performance management practices that encourage the application of our corporate values, including safety. LDC received OHSAS 18001 certification in 2013 and conducts annual third party audits to maintain certification, in addition occupational health and safety legal compliance audits are conducted every two years.

#### Customer Risk

The Corporation is subject to the risk that it may fail to identify and meet its customers' needs and expectations, within approved OEB funding levels, and consequently customers leave the Corporation's distribution area or opt for alternative sources of electricity. This includes all customer classes, but is primarily related to general service and large users. This may lead to erosion of the Corporation's revenue base and monopoly position. It is important that the Corporation maintains its relationship with its customers to better understand the specific needs and expectations of each class. The political environment and government policy regarding the energy sector may impact customer satisfaction and perception of value, especially with concerns around hydro costs. The Corporation is taking steps to help its customers through cost saving CDM programs. Service interruptions due to increasing weather events, or unexpected events could further impact customer satisfaction and service quality (see "Business Interruption Risk" section for additional details).

Advances in technology may compete with the Corporation by affecting energy consumption levels and, as a result, customer demand for the Corporation's services could be negatively impacted in a material way. As customers increasingly prioritize energy efficiency and awareness of energy costs, and governments increasingly provide subsidies to encourage energy efficiency, primarily in response to climate change concerns, there will be a corresponding increase in the demand for technologies that enable customers to better monitor and minimize their energy consumption and otherwise exercise greater control over their electricity supply and demand. For example, distributed generation technologies draw on renewable sources of energy, such as solar power and wind, allowing customers to generate their own supply of electricity. The effect of such technologies may be reduced reliance on larger-scale utilities such as the Corporation. Likewise, energy-efficient homes and improvements to energy storage technologies like batteries may further affect consumption levels and the demand for the Corporation's services. Although OEB's current policy is moving residential customers to fixed delivery charges as opposed to consumption-based delivery charges, as technologies continue to advance and become more widely adopted, the Corporation may be required to make changes to its business and operations, which may present additional risks and challenges for the Corporation.

The Corporation is affected by energy demand which may change as a result of technology change, available customer choice and CDM programs, as well as general economic conditions, energy prices, disposable income and population growth, among other things. Reduced or increased energy demand could have a material adverse effect on the Corporation's business, operations, financial condition or prospects, as well as on the Corporation's need for, and ability to, fund future capital expenditures.



# Information Technology and Cybersecurity Risk

The Corporation is subject to the risk that it may be unable to preserve the confidentiality, integrity, authenticity, availability, accountability and non-repudiation of information assets. The Corporation's ability to operate effectively is in part dependent on the development, maintenance and management of complex information technology systems. Computer systems are employed to operate LDC's electricity distribution system, and the Corporation's financial, billing and business systems to capture data and to produce timely and accurate information. Failures of any one of the financial, business and operating systems could have a material adverse effect on the Corporation's business, operations, financial condition or prospects. The Corporation mitigates this risk through various methods including the implementation of high availability and redundancy in its core infrastructure and application components. Operational technology systems are isolated from business systems and operate independently.

LDC's electricity distribution infrastructure and technology systems are also potentially vulnerable to damage or interruption from cyber-attacks, breaches or other compromises, which could result in business interruption, service disruptions, theft of intellectual property and confidential information (about customers, suppliers, counterparties and employees), additional regulatory scrutiny, litigation and reputational damage. The Corporation has implemented security controls aligned with industry best practices and standards including the National Institute of Standards and Technology Cybersecurity Framework, and maintains cyber insurance. Cyber-attacks, breaches or other compromises of electricity distribution infrastructure and technology systems could result in service disruptions and system failures, including as a result of a failure to provide electricity to customers, property damage, corruption or unavailability of critical data or confidential employee or customer information. A significant breach could materially adversely affect the financial performance of the Corporation or its reputation and standing with customers, regulators and in the financial markets. It could also expose the Corporation to third-party claims.

LDC must also comply with legislative and licence requirements relating to the collection, use and disclosure of personal information (including the personal information of customers), as well as information provided by suppliers, contractors, employees, counterparties, and others. Such information could be exposed in the event of a cybersecurity incident or other unauthorized access, which could materially adversely affect the Corporation and also result in third-party claims against the Corporation.

Preventative controls are employed to protect information and technology assets against cyber-attacks and mitigate their effects. Detective controls are employed to continuously monitor information systems so that the Corporation can respond appropriately to minimize the damage in the event of a cyber-attack. Even with these measures in place, since the techniques used to obtain unauthorized access, disable or degrade service, or sabotage systems change frequently and often are not recognized until launched against a target, the Corporation may be unable to anticipate these techniques or to implement adequate preventative measures. As such, there can be no assurance that such measures will be effective in protecting LDC's electricity distribution infrastructure or assets, or the personal information of its customers, from a cyber-attack or the effects therefrom.

#### **Brand and Reputation Risk**

The Corporation is subject to the risk that an action or inaction by it or its representatives will impair the Corporation's image in the community, public confidence or brand. The Corporation is committed to delivering safe and reliable electricity to its customers in an environmentally responsible manner at optimal costs. Failure to deliver on our commitment could impact the public's perception of the Corporation. In addition, events and/or external factors that draw negative media attention to the Corporation could cause reputational damages and impact the Corporation's business and relationship with its stakeholders.

# **Business Interruption Risk**

The Corporation is subject to the risk that it may be unable to maintain continuing and sustainable business operations, or recover from business interruption, in an effective manner. The Corporation's operations are exposed to the effects of natural and other unexpected occurrences such as extreme storm and other weather conditions and natural disasters, as well as terrorism and pandemics. Although the Corporation's facilities and operations are constructed, operated and maintained to withstand such occurrences, there can be no assurance that they will successfully do so in all circumstances. Any major damage to the Corporation's facilities or interruption of the Corporation's operations arising from these occurrences could result in lost revenues and repair costs that can be substantial. Although the Corporation has insurance which it considers to be consistent with industry practice, if it sustained a large uninsured loss caused



by natural or other unexpected occurrences, LDC may apply to the OEB for the recovery of the loss related to the electricity distribution system. There can be no assurance that the OEB would approve, in whole or in part, such an application.

#### **Risks to Maintaining Financial Condition**

#### Capital Structure Risk

The Corporation is subject to the risk that it may not be able to optimize its debt to equity ratio or access capital markets at effective rates. There can be no assurance that debt or equity financing will be available or sufficient to meet the Corporation's requirements, objectives, or strategic opportunities. If and when financing is available, there can be no assurance that it will be on acceptable terms to the Corporation.

The Corporation relies on debt financing through its MTN Program, CP Program or existing credit facilities to finance the Corporation's daily operations, repay existing indebtedness, and fund capital expenditures. The Corporation's ability to arrange sufficient and cost-effective debt financing could be materially adversely affected by a number of factors, including financial market conditions and activity in the global capital markets, the regulatory environment in Ontario, the Corporation's business, operations, financial condition or prospects, compliance with covenants, the ratings assigned to the Corporation or the debentures issued under the Corporation's MTN Program by credit rating agencies, the rating assigned to short-term borrowings under the CP Program by a credit rating agency, and the availability of the commercial paper market.

In the event the Corporation is unable to maintain an R-1 (low) credit rating for its CP Program, the Corporation has sufficient liquidity through its Revolving Credit Facility to repay its commercial paper obligations as they become due.

#### Market and Credit Risk

The Corporation is directly and indirectly subject to various market and credit fluctuations which could materially adversely affect the Corporation. For example, LDC is exposed to credit risk with respect to customer non-payment of electricity bills. LDC is permitted, at certain times of the year, to mitigate the risk of customer non-payment using any means permitted by law, including security deposits (i.e. letters of credit, surety bonds, cash deposits or lock-box arrangements, under terms prescribed by the OEB), late payment penalties, pre-payment, pre-authorized payment, load limiters or disconnection. While LDC would be liable for the full amount of the default, there can be no assurance that the OEB would allow recovery of the bad debt expense. Established practice in such cases is that the OEB would examine any electricity distributor's application for recovery of extraordinary bad debt expenses on a case-by-case basis. LDC's security interest or other measures, if any, may also not provide sufficient protection. Additionally, security interests and other measures taken by, or in favour of, LDC, if any, may not provide sufficient protection.

The Corporation is exposed to fluctuations in interest rates for the valuation of its post-employment benefit obligations. The Corporation estimates that a 1% (100 basis point) increase in the discount rate used to value these obligations would decrease the accrued benefit obligation of the Corporation, as at December 31, 2017, by \$46.8 million, and a 1% (100 basis point) decrease in the discount rate would increase the accrued benefit obligation, as at December 31, 2017, by \$60.2 million.

The Corporation is exposed to short-term interest rate risk on the short-term borrowings under its CP Program and Working Capital Facility, and customer deposits, while most of its remaining obligations were either non-interest bearing or bear fixed interest rates, and its financial assets were predominately short-term in nature and mostly non-interest bearing. The Corporation manages interest rate risk by monitoring its mix of fixed and floating rate instruments, and taking action as necessary to maintain an appropriate balance. The Corporation estimates that a 100 basis point increase (decrease) in short-term interest rates, with all other variables held constant, would result in an increase (decrease) of approximately \$2.3 million to annual finance costs.

The Corporation had limited exposure to the changing values of foreign currencies. While the Corporation purchases goods and services which are payable in US dollars, and purchases US currency to meet the related commitments when required, the impact of these transactions as at December 31, 2017 was not material.



#### **Critical Accounting Estimates**

The preparation of the Corporation's Consolidated Financial Statements in accordance with IFRS requires management to make judgments, estimates and assumptions which affect the application of accounting policies, reported assets, liabilities and regulatory balances, and the disclosure of contingent assets and liabilities at the date of the Consolidated Financial Statements, and the reported revenues and expenses for the year. The estimates are based on historical experience, current conditions and various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities as well as for identifying and assessing the accounting treatment with respect to commitments and contingencies. Actual results could differ from those estimates, including changes as a result of future decisions made by the OEB, the IESO, the Ontario Ministry of Energy or the Ontario Ministry of Finance.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to estimates are recognized prospectively. Assumptions and estimates with a significant risk of resulting in a material adjustment within the next financial year are used in the following:

- Note 26(b) Recognition and measurement of regulatory balances;
- Note 26(j) Revenue recognition measurement of unbilled revenue, determination of the CDM incentive;
- Notes 26(f) and 26(g) Determination of useful lives of depreciable assets;
- Notes 26(m) and 14 Measurement of post-employment benefits key actuarial assumptions;
- Notes 26(o) and 21 Recognition of deferred tax assets availability of future taxable income against which deductible temporary differences and tax loss carryforwards can be used; and
- Note 25 Recognition and measurement of provisions and contingencies.

# **Significant Accounting Policies**

The Corporation's Consolidated Financial Statements have been prepared in accordance with IFRS with respect to the preparation of financial information. The Consolidated Financial Statements are presented in Canadian dollars, which is the Corporation's functional currency. The significant accounting policies of the Corporation are summarized in notes 2 and 26 to the Consolidated Financial Statements.

#### **Changes in Accounting Policies**

In January 2016, the IASB issued amendments to IAS 7 Statement of Cash Flows as part of the IASB's Disclosure Initiative. These amendments require entities to provide disclosures that enable users of financial statements to evaluate changes in liabilities arising from financing activities, including changes from cash flows and non-cash changes. These amendments are effective for annual periods beginning on or after January 1, 2017. The additional disclosures relating to changes in liabilities arising from financing activities are included in note 22 to the Consolidated Financial Statements and have no impact to the Corporation's financial position or results of operations.

#### **Future Accounting Pronouncements**

A number of new standards, amendments and interpretations are not yet effective for the year ended December 31, 2017, and have not yet been applied in preparing the Consolidated Financial Statements.

#### Revenue from Contracts with Customers

In May 2014, the IASB issued IFRS 15 Revenue from Contracts with Customers ("IFRS 15"), which replaces existing revenue recognition guidance, including IAS 18 Revenue and IFRIC 18 Transfers of Assets from Customers. IFRS 15 contains a single model that applies to contracts with customers with two methods for recognizing revenue: at a point in time or over time. IFRS 15 is effective for annual periods beginning on or after January 1, 2018.

The Corporation will adopt IFRS 15 on January 1, 2018 using the modified retrospective approach. The Corporation has completed its assessment of the key revenue streams. The majority of the Corporation's revenue (energy sales and distribution revenue) is generated from electricity distribution at regulated prices. The Corporation concluded that IFRS 15 will not have a material impact on the accounting for these revenue streams. Upon adoption of IFRS 15, there will be a \$167.6 million income statement reclassification between Energy Sales and Energy Purchases for the comparative year ended December 31, 2017 and no impact to opening retained earnings as at January 1, 2018. The



Corporation is currently finalizing its assessment on capital contributions. The Corporation has determined that IFRS 15 will also increase its required disclosure on revenue streams.

#### Financial Instruments

In July 2014, the IASB issued the final version of IFRS 9 *Financial Instruments* ("IFRS 9"), which replaces IAS 39 *Financial Instruments: Recognition and Measurement* ("IAS 39"). IFRS 9 includes revised guidance on the classification and measurement of financial instruments, including a new expected credit loss model for measuring impairment on financial assets, and new general hedge accounting requirements. It also carries forward the guidance on recognition and derecognition of financial instruments from IAS 39. The standard is effective for annual periods beginning on or after January 1, 2018, and will be applied retrospectively with some exceptions. The Corporation has assessed the impact of adopting IFRS 9, and concluded that the new classification under IFRS 9 will not have a material impact on the consolidated financial statements. Management is currently evaluating the impact of adopting the new expected credit loss model for measuring impairment.

#### Leases

In January 2016, the IASB issued IFRS 16 Leases ("IFRS 16"), which replaces IAS 17 Leases ("IAS 17") and related interpretations. IFRS 16 introduces a single lessee accounting model eliminating the current distinction between finance and operating leases. It requires the recognition of lease-related assets and liabilities on the balance sheet, except for short-term leases and leases of low value underlying assets. In addition, the nature and timing of expenses related to leases will change, as IFRS 16 replaces the straight-line operating leases expense with the depreciation expense for the assets and interest expense on the lease liabilities. Lessor accounting remains substantially unchanged. The standard is effective for annual periods beginning on or after January 1, 2019, and may be applied either retrospectively or using a modified retrospective approach. Early adoption is permitted if IFRS 15 is also adopted.

The Corporation intends to early adopt IFRS 16 on January 1, 2018. The Corporation has completed its assessment of existing operating leases. IFRS 16 will not have a significant impact on the Corporation's consolidated financial statements and the Corporation has assessed the quantitative impact of adopting IFRS 16 to be \$nil in opening retained earnings, and an increase of \$1.6 million in total assets and total liabilities for the right-of-use assets and the lease liabilities, respectively, as at January 1, 2018.

# Forward-Looking Information

Certain information included in this MD&A constitutes "forward-looking information" within the meaning of applicable securities legislation. The purpose of the forward-looking information is to provide the Corporation's current expectations regarding future results of operations, performance, business prospects and opportunities and may not be appropriate for other purposes. All information, other than statements of historical fact, which address activities, events or developments that we expect or anticipate may or will occur in the future, are forward-looking information. The words "anticipates", "believes", "budgets", "committed", "can", "could", "estimates", "expects", "focus", "forecasts", "future", "intends", "may", "might", "plans", "propose", "projects", "schedule", "seek", "should", "trend", "will", "would", "objective", "outlook" or the negative or other variations of these words or other comparable words or phrases, are intended to identify forward-looking information, although not all forward-looking information contains these identifying words. The forward-looking information reflects the Corporation's current beliefs and is based on information currently available to the Corporation.

Specific forward-looking information in the MD&A includes, but is not limited to, the statements regarding the settlement variance and other regulatory balance variances as described in the section entitled "Results of Operations"; the effect of changes in energy consumption on future revenue as described in the sections entitled "Summary of Quarterly Results of Operations" and "Risk Management and Risk Factors"; the Corporation's plans to finance the investment in LDC's infrastructure and, the Corporation's available sources of liquidity and capital resources and the sufficiency thereof to satisfy working capital requirements for the next twelve months as described in the section entitled "Liquidity and Capital Resources"; the planned and proposed capital initiatives and the expected results of such initiatives as described in the section entitled "Liquidity and Capital Resources"; the expected capital expenditures required to complete Copeland Station and the anticipated completion date for Copeland Station as described in the section entitled "Liquidity and Capital Resources" and "Risk Management and Risk Factors"; the anticipated contractual obligations and other commitments of the Corporation over the next five years as set out in the section entitled "Liquidity and Capital Resources"; the payment of dividends as described in the section entitled



"Liquidity and Capital Resources"; plans to meet CDM targets as described in the section entitled "Corporate Developments"; the Corporation's expectation that cash generated from operations, after the payment of dividends, is not expected to be sufficient to repay existing indebtedness, fund capital expenditures and meet other liquidity requirements over the next 12 months as described in the section entitled "Risk Management and Risk Factors"; the ability to claim under applicable liability insurance policies and/or pay any damages with respect to legal actions and claims as described in the section entitled "Legal Proceedings"; the Corporation's reliance on debt financing through its medium-term note program, Commercial Paper Program or existing credit facilities to finance the Corporation's daily operations, repay existing indebtedness, and fund capital expenditures as described in the section entitled "Risk Management and Risk Factors"; the effect of changes in interest rates and discount rates on future revenue requirements and future post-employment benefit obligations, respectively, as described in the section entitled "Risk Management and Risk Factors"; the Corporation's plans to attract, train and retain skilled employees and mitigate risks from retiring employees as described in the section entitled "Risk Management and Risk Factors"; the possibility that advances in technology may compete with the Corporation by affecting energy consumption levels and, as a result, customer demand for the Corporation's services as described in the section entitled "Risk Management and Risk Factors"; the expectation that one-third of the Corporation's electricity distribution assets have already exceeded or will reach the end of their expected useful lives within the next 5-year period as described in the section entitled "Risk Management and Risk Factors";; and the adoption and impact of new standards, amendments and interpretations on the Corporation's consolidated financial statements in the section entitled "Future Accounting Pronouncements".

The forward-looking information is based on estimates and assumptions made by the Corporation's management in light of past experience and perception of historical trends, current conditions and expected future developments, as well as other factors that management believes to be reasonable in the circumstances, including, but not limited to, the amount of indebtedness of the Corporation, changes in funding requirements, the future course of the economy and financial markets, no unforeseen delays and costs in the Corporation's capital projects (including Copeland Station), no unforeseen changes in the legislative and operating framework for Ontario's electricity market, the receipt of applicable regulatory approvals and requested rate orders, no unexpected delays in obtaining required approvals, the receipt of applicable IESO approvals for mid-term CDM incentives, the ability of the Corporation to obtain and retain qualified staff, equipment and services in a timely and cost efficient manner, the receipt of favourable judgments, no unforeseen changes in rate orders or rate setting methodologies, no unfavourable changes in environmental regulation, the level of interest rates and the Corporation's ability to borrow, and assumptions regarding general business and economic conditions.

The forward-looking information is subject to risks, uncertainties and other factors that could cause actual results to differ materially from historical results or results anticipated by the forward-looking information. The factors which could cause results or events to differ from current expectations include, but are not limited to, risks associated with the execution of the Corporation's capital and maintenance programs necessary to maintain the performance of our aging distribution assets and make required infrastructure improvements; risks associated with capital projects, including Copeland Station; risks associated with electricity industry regulatory developments and other governmental policy changes; risks associated with the timing and results of regulatory decisions regarding the Corporation's revenue requirements, cost recovery and rates; risks associated with information system security and with maintaining complex information technology systems; risk to the Corporation's facilities and operations posed by unexpected weather conditions caused by climate change and other factors, terrorism and pandemics and the Corporation's limited insurance coverage for losses resulting from these events; risks associated with being controlled by the City, including the risk that the City could introduce rules, policies or directives that can potentially limit the Corporation's ability to meet its business objectives as laid out in the Shareholder Direction principles; risks related to the Corporation's work force demographic and its potential inability to attract, train and retain skilled employees; risks associated with possible labour disputes and the Corporation's ability to negotiate appropriate collective agreements; risk that the Corporation may fail to monitor the external environment and or develop and pursue strategies through appropriate business models, thus failing to gain a strategic advantage; risk that the Corporation is not able to arrange sufficient and cost-effective debt financing to repay maturing debt and to fund capital expenditures and other obligations; risk of downgrades to the Corporation's credit rating; risks related to the timing and extent of changes in prevailing interest rates and discounts rates and their effect on future revenue requirements and future post-employment benefit obligations; risk of substantial and currently undetermined or underestimated environmental costs and liabilities; risk that assumptions that form the basis of the Corporation's recorded environmental liabilities and related regulatory balances may change; risk that the presence or release of hazardous or harmful substances could lead to claims by third parties and/or governmental orders and other factors which are discussed in more detail under the section entitled "Risk Management and Risk Factors" in this MD&A. Please review this section - "Risk Management and Risk Factors" in detail. All of the forward-looking information included in this MD&A is qualified by the cautionary



statements in this "Forward-Looking Information" section and the "Risk Management and Risk Factors" section of this MD&A. These factors are not intended to represent a complete list of the factors that could affect the Corporation; however, these factors should be considered carefully and readers should not place undue reliance on forward-looking information made herein. Furthermore, the forward-looking information contained herein is dated as of the date of this MD&A or as of the date specified in this MD&A, as the case may be, and the Corporation has no intention and undertakes no obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.



#### **Selected Annual Information**

The following table sets forth selected annual financial information of the Corporation for the three years ended December 31, 2017, 2016 and 2015. This information has been derived from the Corporation's consolidated financial statements.

# Selected Annual Consolidated Financial Information (in millions of Canadian dollars)

	2017	2016	2015
	\$	\$	\$
Year Ended December 31 Total Revenues <sup>1</sup>	3,849.7	4,030.0	3,539.9
Net income after net movements in regulatory balances <sup>1</sup>	156.5	151.4	126.7
As at December 31			
Total assets and regulatory balances <sup>2</sup>	5,226.2	4,954.4	4,686.9
Total debentures <sup>2,3</sup>	2,034.0	2,084.6	1,885.1
Other non-current financial liabilities 4	9.1	17.3	16.6
Total equity <sup>2</sup>	1,760.4	1,428.9	1,340.9
Dividends 5	75.0	63.4	56.3

<sup>1</sup> See "Results of Operations" for further details on distribution revenue, other revenue, and net income after net movements in regulatory balances.

#### **Additional Information**

Additional information with respect to the Corporation (including its annual information form) is available on the System for Electronic Document Analysis and Retrieval website at <a href="www.sedar.com">www.sedar.com</a>.

Toronto, Canada

March 7, 2018

<sup>&</sup>lt;sup>2</sup> See "Financial Position" for further details of significant changes in assets, debentures and shareholder's equity.

<sup>&</sup>lt;sup>3</sup> Total debentures include current and long-term debentures.

Other non-current financial liabilities include primarily non-current obligations under capital lease and non-current customer deposits. Under IFRS, deposits that are due or will be due on demand within one year from the end of the reporting period have been reclassified to other current financial liabilities.

<sup>&</sup>lt;sup>5</sup> See "Liquidity and Capital Resources" for further details on dividends.



# CONSOLIDATED FINANCIAL STATEMENTS DECEMBER 31, 2017 AND 2016

See Financial Report for abbreviations and defined terms used in the audited consolidated financial statements.



#### MANAGEMENT'S REPORT

The accompanying Consolidated Financial Statements have been prepared by management of Toronto Hydro Corporation (the "Corporation"), who are responsible for the integrity, consistency and reliability of the information presented. The Consolidated Financial Statements have been prepared in accordance with International Financial Reporting Standards and applicable securities legislation.

The preparation of the Consolidated Financial Statements necessarily involves the use of estimates and assumptions based on management's judgments, particularly when transactions affecting the current accounting period cannot be finalized with certainty until future periods. Estimates and assumptions are based on historical experience, current conditions and various other assumptions believed to be reasonable in the circumstances, with critical analysis of the significant accounting policies followed by the Corporation as described in Note 26 to the Consolidated Financial Statements. The preparation of the Consolidated Financial Statements includes information regarding the estimated impact of future events and transactions. Actual results in the future may differ materially from the present assessment of this information because future events and circumstances may not occur as expected. The Consolidated Financial Statements have been prepared within reasonable limits of materiality in light of information available up to March 7, 2018.

In meeting its responsibility for the reliability of financial information, management maintains and relies on a comprehensive system of internal controls and internal audit, which is designed to provide reasonable assurance that the financial information is relevant, reliable and accurate, and that the Corporation's assets are safeguarded and transactions are properly authorized and executed. The system includes formal policies and procedures and appropriate delegation of authority and segregation of responsibilities within the organization. An internal audit function evaluates the effectiveness of these internal controls and reports its findings to management and the Audit Committee of the Corporation, as required.

The Board of Directors, through its Audit Committee, is responsible for overseeing management in the performance of its financial reporting and internal controls. The Audit Committee is composed of independent directors and meets periodically with management, the internal auditors and the external auditors to discuss internal controls over the financial reporting process, auditing matters and financial reporting issues, to satisfy itself that each group has properly discharged its respective responsibility and to review the Consolidated Financial Statements before recommending approval by the Board of Directors. The Audit Committee also considers, for review by the Board of Directors and approval by the shareholder, the appointment of the external auditors. The external auditors have direct and full access to the Audit Committee, with and without the presence of management, to discuss their audit and their findings as to the integrity of the financial reporting and the effectiveness of the system of internal controls.

The Consolidated Financial Statements were reviewed by the Audit Committee, and on their recommendation, were approved by the Board of Directors. The Consolidated Financial Statements have been examined by KPMG LLP, independent external auditors appointed by the Corporation's shareholder. The external auditors' responsibility is to express their opinion on whether the Consolidated Financial Statements are fairly presented in accordance with International Financial Reporting Standards. The attached Independent Auditors' Report outlines the scope of their examination and their opinion.

On behalf of Toronto Hydro Corporation's management:

"Anthony Haines"
Anthony Haines
President and Chief Executive Officer

<u>"Sean Bovingdon"</u>
Sean Bovingdon
Executive Vice-President and Chief Financial Officer



KPMG LLP Chartered Professional Accountants Bay and Adelaide Centre Suite 4600 333 Bay Street Toronto, ON M5H 2S5 Telephone (416) 777-8500 Fax (416) 777-8818 www.kpmg.ca

# INDEPENDENT AUDITORS' REPORT

To the Shareholder of Toronto Hydro Corporation

We have audited the accompanying consolidated financial statements of Toronto Hydro Corporation, which comprise the consolidated balance sheets as at December 31, 2017 and December 31, 2016, the consolidated statements of income, comprehensive income, changes in equity and cash flows for the years ended December 31, 2017 and December 31, 2016, and notes, comprising a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with International Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We conducted our audits in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements present fairly, in all material respects, the consolidated financial position of Toronto Hydro Corporation as at December 31, 2017 and December 31, 2016, and its consolidated financial performance and its consolidated cash flows for the years ended December 31, 2017 and December 31, 2016 in accordance with International Financial Reporting Standards.

Chartered Professional Accountants, Licensed Public Accountants

March 7, 2018 Toronto, Canada

KPMG LLP



CONSOLIDATED BALANCE SHEETS		
[in millions of Canadian dollars]		
As at December 31	2017	2016
As at December 51	2017 \$	2016 \$
	Ψ	Ψ
ASSETS		
Current		
Accounts receivable [notes 4 and 16[b]]	217.7	229.8
Unbilled revenue [note 16[b]]	278.3	320.5
Materials and supplies	9.3	9.7
Other assets [note 5]	12.7	13.5
Assets held for sale [note 8]	8.7	_
Total current assets	526.7	573.5
Property, plant and equipment [note 6]	4,143.4	3,907.2
Intangible assets [note 7]	296.2	217.8
Deferred tax assets [note 21]	57.0	63.8
Other assets [note 5]	3.0	1.3
Total assets	5,026,3	4,763.6
Regulatory balances [note 9]	199.9	190.8
Total assets and regulatory balances	5,226.2	4,954.4
	,	
LIABILITIES AND EQUITY		
Current		
Working capital facility [note 10]	11.7	7.1
Commercial paper [note 10]	159.0	261.0
Accounts payable and accrued liabilities [note 11]	516.3	504.4
Income tax payable	12.8	8.1
Customer deposits	49.2	39.1
Deferred revenue [note 12]	10.7	5.1
Deferred conservation credit [note 3[c]]	9.3	5.5
Debentures [note 13]	-	249.8
Other liabilities [note 24]	1.5	3.1
Total current liabilities	770.5	1,083.2
Debentures [note 13]	2,034.0	1,834.8
Customer deposits	8.9	15.0
Deferred revenue [note 12]	179.2	140.3
Post-employment benefits [note 14]	313.0	280.5
Other liabilities [note 24]	0.2	2.3
Total liabilities	3,305.8	3,356.1
1 otal natimities	3,303.6	3,330.1
Commitments, contingencies and subsequent events [notes 2, 24 and 25]		
Equity	0477.0	E C = 0
Share capital [note 17]	817.8	567.8
Retained earnings	942.6	861.1
Total equity	1,760.4	1,428.9
Total liabilities and equity	5,066.2	4,785.0
Regulatory balances [note 9]	160.0	169.4
Total liabilities, equity and regulatory balances	5,226.2	4,954.4

# ON BEHALF OF THE BOARD:

"David McFadden"
David McFadden, Director

"Michael Nobrega" Michael Nobrega, Director



CONSOLIDATED STATEMENTS OF INCOME		
[in millions of Canadian dollars]		
Year ended December 31	2017 \$	2016 \$
Revenues		
Energy sales	3,017.8	3,306.2
Distribution revenue	724.2	647.9
Other [note 18]	107.7	75.9
	3,849.7	4,030.0
Expenses		
Energy purchases	3,063.5	3,216.9
Operating expenses [note 19]	293.0	277.1
Depreciation and amortization [notes 6 and 7]	224.2	212.2
	3,580.7	3,706.2
TI	( <b></b> -)	
Finance costs [note 20]	(77.7)	(74.2
Gain on disposals of property, plant and equipment	9.8	2.1
Income before income taxes	201.1	251.7
Income tax expense [note 21]	(44.7)	(67.1
	(1)	(07.12
Net income	156.4	184.6
Net movements in regulatory balances [note 9]	(13.1)	(77.2
Net movements in regulatory balances arising from deferred tax assets [note 9]	13.2	44.0
Net income after net movements in regulatory balances	156.5	151.4

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME					
[in millions of Canadian dollars]					
Year ended December 31	2017 \$	<b>2016</b> \$			
Net income after net movements in regulatory balances	156.5	151.4			
Other comprehensive income					
Items that will not be reclassified to income or loss					
Remeasurements of post-employment benefits, net of tax (2017 - \$6.7, 2016 - \$5.5) [note 14]	(18.4)	15.5			
Net movements in regulatory balances related to OCI, net of tax (2017 - \$6.7, 2016 - \$5.5) [note 14]	18.4	(15.5)			
Other comprehensive income, net of tax	-	-			
Total comprehensive income	156.5	151.4			



CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY [in millions of Canadian dollars]		
Year ended December 31	2017 \$	2016 \$
Share capital [note 17]	817.8	567.8
Retained earnings, beginning of year	861.1	773.1
Net income after net movements in regulatory balances	156.5	151.4
Dividends [notes 17 and 23]	(75.0)	(63.4)
Retained earnings, end of year	942.6	861.1
Total equity	1,760.4	1,428.9



Year ended December 31  OPERATING ACTIVITIES  Net income after net movements in regulatory balances  Net movements in regulatory balances [note 9]  Net movements in regulatory balances arising from deferred tax assets [note 9]  Adjustments  Depreciation and amortization [notes 6 and 7]  Amortization of deferred revenue [note 12]		
Net income after net movements in regulatory balances  Net movements in regulatory balances [note 9]  Net movements in regulatory balances arising from deferred tax assets [note 9]  Adjustments  Depreciation and amortization [notes 6 and 7]	2017 \$	<b>2016</b> \$
Net income after net movements in regulatory balances  Net movements in regulatory balances [note 9]  Net movements in regulatory balances arising from deferred tax assets [note 9]  Adjustments  Depreciation and amortization [notes 6 and 7]		
Net movements in regulatory balances <i>[note 9]</i> Net movements in regulatory balances arising from deferred tax assets <i>[note 9]</i> Adjustments  Depreciation and amortization <i>[notes 6 and 7]</i>	156.5	151.4
Net movements in regulatory balances arising from deferred tax assets [note 9] Adjustments Depreciation and amortization [notes 6 and 7]	13.1	77.2
Adjustments Depreciation and amortization [notes 6 and 7]	(13.2)	(44.0)
Depreciation and amortization [notes 6 and 7]	(13.2)	(44.0)
	224.2	212.2
	(4.7)	(3.8)
Finance costs	77.7	74.2
Income tax expense	44.7	67.1
Post-employment benefits	7.4	5.0
Gain on disposals of property, plant and equipment	(9.8)	(2.1)
Other	1.0	0.7
Capital contributions received [note 12]	50.8	44.7
Net change in other non-current assets and liabilities	(6.9)	(1.8)
Increase in customers deposits	4.0	6.7
Changes in non-cash working capital balances [note 22]	62.0	(15.3)
Income tax paid	(22.1)	(0.9)
Net cash provided by operating activities	584.7	571.3
INVESTING ACTIVITIES	(440.0)	(511.7)
Purchase of property, plant and equipment [note 22]	(440.0)	(511.7)
Purchase of intangible assets [note 22]	(93.4)	(39.9)
Proceeds on disposals of property, plant and equipment	12.5	2.2
Net cash used in investing activities	(520.9)	(549.4)
FINANCING ACTIVITIES		
Decrease in commercial paper, net of issuances [note 10]	(102.0)	(63.0)
Common shares issued [note 17]	250.0	-
Dividends paid [note 17]	(75.0)	(63.4)
Proceeds from issuance of debentures [note 13]	199.9	200.0
Debt issuance costs paid [note 13]	(1.4)	(1.3)
Repayment of debentures [note 13]	(250.0)	-
Repayment of finance lease liability	(3.0)	(3.1)
Interest paid	(86.9)	(84.0)
Net cash used in financing activities	(68.4)	(14.8)
Net decrease (increase) in working capital facility during the year	(4.6)	7.1
Working capital facility, beginning of year	(7.1)	(14.2)
Working capital facility, end of year	(7.1)	(14.2)



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

#### 1. NATURE OF BUSINESS

The Corporation was incorporated on June 23, 1999 under the *Business Corporations Act* (Ontario) in accordance with the Electricity Act. The Corporation is wholly owned by the City and is domiciled in Canada, with its registered office located at 14 Carlton Street, Toronto, Ontario, M5B 1K5. The Corporation and its subsidiaries distribute electricity to customers and provide street lighting and expressway lighting services in the City.

#### 2. BASIS OF PRESENTATION

The Corporation's audited consolidated financial statements for the years ended December 31, 2017 and 2016 ["Consolidated Financial Statements"] have been prepared in accordance with IFRS with respect to the preparation of annual financial information.

These Consolidated Financial Statements are presented in Canadian dollars, the Corporation's functional currency, and have been prepared on the historical cost basis, except for post-employment benefits which are recorded at actuarial value.

The Corporation has evaluated the events and transactions occurring after the consolidated balance sheet date through March 7, 2018 when the Corporation's Consolidated Financial Statements were authorized for issue by the Corporation's Board of Directors, and identified the events and transactions which required recognition in the Consolidated Financial Statements and/or disclosure in these notes to the Consolidated Financial Statements [notes 8 and 17].

The summary of significant accounting policies has been disclosed in note 26.

## 3. REGULATION

The OEB has regulatory oversight of electricity matters in Ontario. The OEB's authority and responsibilities include the power to approve and fix rates for the transmission and distribution of electricity, the power to approve the amounts paid to non-contracted generators, the responsibility to provide rate protection for rural or remote electricity customers, and the responsibility for ensuring that electricity distribution companies fulfill their obligations to connect and service customers.

LDC is required to charge its customers for the following amounts (all of which, other than distribution rates, represent a pass-through of amounts payable to third parties):

- Commodity Charge The commodity charge represents the market price of electricity consumed by
  customers and is passed through the IESO back to operators of generating stations. It includes the global
  adjustment, which represents the difference between the market price of electricity and the rates paid to
  regulated and contracted generators.
- Retail Transmission Rate The retail transmission rate represents the costs incurred in respect of the transmission of electricity from generating stations to local distribution networks. Retail transmission rates are passed through back to operators of transmission facilities.
- WMS Charge The WMS charge represents various wholesale market support costs, such as the cost of the IESO to administer the wholesale electricity system, operate the electricity market, and maintain reliable operation of the provincial grid. Wholesale charges are passed through back to the IESO.
- Distribution Rate The distribution rate is designed to recover the costs incurred by LDC in delivering
  electricity to customers, including the OEB-allowed cost of capital. Distribution rates are regulated by the
  OEB and include fixed and variable (usage-based) components, based on a forecast of LDC's customers and
  load.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

## a) Electricity Distribution Rates

The OEB's regulatory framework for electricity distributors is designed to support the cost-effective planning and operation of the electricity distribution network and to provide an appropriate alignment between a sustainable, financially viable electricity sector and the expectations of customers for reliable service at a reasonable price.

The OEB typically regulates the electricity rates for distributors using a combination of detailed cost of service reviews and IRM adjustments. Under the OEB's rate-setting methods, actual operating conditions may vary from forecasts such that actual returns achieved can differ from approved returns. Approved electricity rates are generally not adjusted as a result of actual costs or revenues being different from forecasted amounts, other than for certain prescribed costs that are eligible for deferral for future collection from, or refund to, customers.

On March 1, 2016 pursuant to LDC's 2015 – 2019 CIR application, the OEB set 2018 distribution rates on an interim basis. On August 23, 2017, LDC filed its 2018 rate application seeking OEB's approval to finalize distribution rates and other charges for the period commencing on January 1, 2018 and ending on December 31, 2018. On December 14, 2017, the OEB issued a decision and rate order approving LDC's 2018 rates, with an effective date of January 1, 2018, and the disposition of certain deferral and variance accounts.

# b) Ontario's Fair Hydro Plan

On March 2, 2017, the Government of Ontario announced the OFHP, which includes a number of initiatives, some of which affect LDC or its customers.

OFHP includes the OREC, which came into effect on January 1, 2017. The OREC provides eligible customers with financial assistance in the form of an 8% rebate of the pre-tax cost of their electricity. The OREC rebates are administered by LDC and paid by the IESO in the month following customer billing. Current accounts receivable and unbilled revenue include the amount owing by the IESO to LDC. No effect on revenue or expense is recognized by LDC in respect of the OREC rebates.

OFHP also includes the OFHA, which enacted the Ontario Fair Hydro Plan Act, 2017 and amended the Electricity Act, 1998 and the Ontario Energy Board Act, 1998. The OFHA came into effect on June 1, 2017 and its impact is reflected in the Consolidated Financial Statements. The OFHA provides eligible customers with financial assistance through various changes to commodity pricing, new or amended programs, and eliminating or reducing certain provincial charges on the electricity bill. The OFHA reduces the total electricity bill for eligible customers and, accordingly, reduces current accounts receivable, unbilled revenue, accounts payable and accrued liabilities for LDC. No effect on distribution revenue or expense is recognized by LDC in respect of the OFHA.

## c) CDM Activities

On March 26, 2014, the Minister of Energy of Ontario, under the guidance of sections 27.1 and 27.2 of the OEB Act, directed the OEB to amend the licence of each licensed electricity distributor to require the electricity distributor, as a condition of its licence, to make CDM programs available to its customers and to do so in relation to each customer segment in its service area, over the period beginning January 1, 2015 through December 31, 2020. On March 31, 2014, the Minister of Energy of Ontario issued a direction to require the OPA to coordinate, support and fund the delivery of CDM programs through electricity distributors. The objective of the CDM efforts is to reduce electricity consumption in the Province of Ontario by a total of 7 terawatt hours between January 1, 2015 and December 31, 2020, of which LDC's share is approximately 1,576 GWh of energy savings.

On November 13, 2014, LDC entered into an energy conservation agreement with the OPA for the delivery of CDM programs over the 2015-2020 period. The IESO and the OPA were merged under the name IESO starting on January 1, 2015.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

Under the energy conservation agreement with the IESO, LDC has a joint CDM plan with Oakville Hydro Electricity Distribution Inc. ["Oakville Hydro"] for the delivery of CDM programs over the 2015-2020 period. LDC can choose between full cost recovery funding, pay-for-performance funding, or a combination of both, on a CDM program by program basis. Under the full cost recovery funding method, the IESO reimburses LDC for all adequately documented incurred costs, with an option to receive a portion of its funding in advance. Cost efficiency incentives may be awarded if LDC's electricity savings meet or exceed certain CDM plan targets for programs under the full cost recovery funding method, with a mid-term review to be performed by the IESO for the 2015-2017 period. Under the pay-for-performance funding method, LDC receives payment in arrears based on verified electricity savings achieved with various options for frequency of payment. The programs under the joint CDM plan with Oakville Hydro are only being offered under the full cost recovery funding method.

The joint CDM plan provides combined funding of approximately \$425.0 million, including participant incentives and program administration costs to achieve an aggregate energy savings target of approximately 1,668 GWh. Oakville Hydro's programs under the joint CDM plan started on January 1, 2016. LDC received \$44.9 million as at December 31, 2016 and \$57.4 million in the year ended December 31, 2017 from the IESO for the delivery of CDM programs. Amounts received but not yet spent are presented on the consolidated balance sheets under current liabilities as deferred conservation credit. As at December 31, 2017, LDC estimated that approximately \$12.9 million qualified as a joint mid-term incentive, of which \$12.2 million represents LDC's portion and is included within accounts receivable.

Effective October 16, 2017, LDC entered into an agreement to transfer \$4.0 million of funding and a corresponding 20 GWh of its energy savings target to another local distribution company. This agreement will decrease the joint CDM plan funding with Oakville Hydro to \$421.0 million, with a revised energy savings target of 1,648 GWh. The revised CDM plan was approved by the IESO on December 14, 2017.

#### 4. ACCOUNTS RECEIVABLE

Accounts receivable consists of the following:

	<b>2017</b> \$	2016 \$
Trade receivables  Due from related parties [note 23]	189.9 13.8	215.4 12.7
CDM mid-term incentive [note 3[c]]	12.2	12.7 —
Other	1.8	1.7
	217.7	229.8



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# 5. OTHER ASSETS

Other assets consist of the following:

	2017 \$	2016 \$
Prepaid expenses	11.3	12.3
Deferred financing costs	1.6	1.6
Other	2.8	0.9
Total other assets	15.7	14.8
Less: Current portion of other assets relating to:		
Prepaid expenses	11.3	12.3
Deferred financing costs	0.4	0.4
Other	1.0	0.8
Current portion of other assets	12.7	13.5
Non-current portion of other assets	3.0	1.3



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# 6. PROPERTY, PLANT AND EQUIPMENT

PP&E consist of the following:

	Distribution assets \$	Land and buildings \$	Equipment and other	Construction in progress	Total \$
Cost	2.027.2	202.1	1555	400 7	2 00 4 7
Balance as at January 1, 2016	3,027.2	203.1	175.7	498.7	3,904.7
Additions/(Transfers)	381.2	111.3	67.0	(47.7)	511.8
Disposals and retirements	(32.1)	(0.1)	(0.3)		(32.5)
Balance as at December 31, 2016	3,376.3	314.3	242.4	451.0	4,384.0
Additions/(Transfers)	404.4	84.8	38.4	(76.1)	451.5
Assets held for sale [note 8]	_	(21.2)	_	_	(21.2)
Disposals and retirements	(31.5)	(3.2)	(0.4)	_	(35.1)
Balance as at December 31, 2017	3,749.2	374.7	280.4	374.9	4,779.2
Accumulated depreciation					
Balance as at January 1, 2016	222.6	15.7	77.7	_	316.0
Depreciation	129.3	10.3	25.9	_	165.5
Disposals and retirements	(4.6)	_	(0.1)	_	(4.7)
Balance as at December 31, 2016	347.3	26.0	103.5	_	476.8
Depreciation	138.1	13.5	26.7	_	178.3
Assets held for sale [note 8]	_	(12.5)	_	_	(12.5)
Disposals and retirements	(5.9)	(0.5)	(0.4)	_	(6.8)
Balance as at December 31, 2017	479.5	26.5	129.8	_	635.8
Carrying amount Balance as at December 31, 2016	3,029.0	288.3	138.9	451.0	3,907.2
Balance as at December 31, 2017	3,269.7	348.2	150.6	374.9	4,143.4

As at December 31, 2017, "Equipment and other" included assets under finance lease with cost of \$18.2 million [December 31, 2016 - \$18.2 million] and accumulated depreciation of \$10.4 million [December 31, 2016 - \$8.3 million]. For the year ended December 31, 2017, the Corporation recorded depreciation expense of \$2.1 million [2016 - \$2.3 million] related to assets under finance lease.

For the year ended December 31, 2017, borrowing costs in the amount of \$6.2 million [2016 - \$9.5 million] were capitalized to PP&E and credited to finance costs, with an average capitalization rate of 3.73% [2016 - 3.61%].

<sup>&</sup>quot;Construction in progress" additions are net of transfers to the other PP&E categories.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

## 7. INTANGIBLE ASSETS

Intangible assets consist of the following:

	Computer software	Contributions	Software in development	Contributions for work in progress	Total
	\$	\$	\$	\$	\$
Cont					
Cost	404.5	24.5	44.0	1010	220.4
Balance as at January 1, 2016	101.6	21.7	11.8	104.3	239.4
Additions/(Transfers)	11.9	53.8	8.4	(34.2)	39.9
Balance as at December 31, 2016	113.5	75.5	20.2	70.1	279.3
Additions/(Transfers)	23.4	_	34.0	44.0	101.4
Balance as at December 31, 2017	136.9	75.5	54.2	114.1	380.7
Accumulated amortization					
Balance as at January 1, 2016	38.1	2.0	_	_	40.1
Amortization	19.3	2.1	_	_	21.4
Balance as at December 31, 2016	57.4	4.1	_	_	61.5
Amortization	20.0	3.0	_	_	23.0
Balance as at December 31, 2017	77.4	7.1	_	_	84.5
Carrying amount					
Balance as at December 31, 2016	56.1	71.4	20.2	70.1	217.8
Balance as at December 31, 2017	59.5	68.4	54.2	114.1	296.2

For the year ended December 31, 2017, borrowing costs in the amount of \$3.6 million [2016 - \$3.0 million] were capitalized to intangible assets and credited to finance costs, with an average capitalization rate of 3.73% [2016 - 3.61%].

## 8. ASSETS HELD FOR SALE

In 2017, LDC commenced the process to sell a property including land and buildings to a third party. Accordingly, the carrying amount of the identified assets of \$8.7 million was transferred from PP&E to assets held for sale as at December 31, 2017. Upon reclassification as assets held for sale, no further depreciation was recorded by LDC on the related assets. On January 16, 2018, LDC entered into an agreement to sell the property, which is expected to close on April 16, 2018. Upon completion of the sale, the net gain including the future tax savings will be deferred as a regulatory credit balance [note 9[c]].

<sup>&</sup>quot;Software in development" and "Contributions for work in progress" additions are net of transfers to the other intangible asset categories.

<sup>&</sup>quot;Computer software" is externally acquired. The remaining amortization periods for computer software and contributions range from less than one year to 5 years, and from 11 to 25 years, respectively.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# 9. REGULATORY BALANCES

Debit balances consist of the following:

	January 1, 2017	Balances arising in the period	Recovery/ reversal	Other movements	December 31, 2017	Remaining recovery/ reversal period	Carrying charges applicable
	\$	\$	\$	\$	\$	(months)	
OPEB actuarial net loss	(0.2	25.1			05.2	note 9[a]	
Foregone revenue	60.2 64.3	25.1	(20.3)		85.3 44.0	24	_
Gain on disposal	8.6	(8.1)	18.6	_	19.1	note 9[c]	*
LRAM	10.5	11.0	(4.8)	_	16.7	note 9[d]	*
IFRS transitional adjustments	22.8	11.0	(7.8)	_	15.0	24	
Stranded meters	11.4	_	(3.9)	_	7.5	24	*
OPEB cash versus accrual	2.9	1.3	(3.3)	_	4.2	24 note 9[g]	
Named properties	4.6	1.3	(1.5)	_	3.1	24	
Capital contributions		_	, ,	_		24	_
•	1.5	_	(0.5)	1.0	1.0	24	_
Smart meters	2.1	_	(3.1)	1.0		_	*
Other	1.9	2.1	(22.2)		4.0	_	Υ
	190.8	31.4	(23.3)	1.0	199.9		

	January 1, 2016 \$	Balances arising in the period	Recovery/ reversal	Other movements	December 31, 2016	Remaining recovery/ reversal period (months)	Carrying charges applicable
	·	·	·		·		
OPEB actuarial net loss	81.2	(21.0)	_	_	60.2	note 9[a]	_
Foregone revenue	61.1	19.2	(16.0)	_	64.3	36	_
Gain on disposal	_	_	14.5	(5.9)	8.6	note 9[c]	*
LRAM	9.1	4.7	(3.3)	_	10.5	note 9[d]	*
IFRS transitional adjustments	28.9	_	(6.1)	_	22.8	36	_
Stranded meters	14.4	_	(3.0)	_	11.4	36	*
OPEB cash versus accrual	1.8	1.1	_	_	2.9	note 9[g]	_
Named properties	5.8	_	(1.2)	_	4.6	36	_
Capital contributions	1.9	_	(0.4)	_	1.5	36	_
Smart meters	10.0	_	(7.9)	_	2.1	4	_
Settlement variances	25.3	_	_	(25.3)	_	_	*
Other	2.2	1.6	_	(1.9)	1.9	_	*
	241.7	5.6	(23.4)	(33.1)	190.8		

<sup>\*</sup> In accordance with the OEB's direction, carrying charges were accrued to certain regulatory balances at a rate of 1.10% for January 1, 2017 to September 30, 2017 and 1.50% for October 1, 2017 to December 31, 2017 [2016 - 1.10%].



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

Credit balances consist of the following:

	January 1, 2017	Balances arising in the period	Recovery/ reversal	Other movements	December 31, 2017	Remaining recovery/ reversal period	Carrying charges applicable
	\$	\$	\$	\$	\$	(months)	
Deferred taxes	65.3	(6.5)	_	_	58.8	note 9[j]	_
Settlement variances	62.8	(45.2)	23.4	_	41.0	note 9[k]	*
Capital-related revenue							
requirement	8.8	16.2	_	_	25.0	note 9[1]	*
Derecognition	12.8	3.1	_	_	15.9	note 9[m]	*
Tax-related variances	17.5	_	(8.2)	_	9.3	12	*
Development charges	_	5.3	_	_	5.3	note 9[o]	*
Smart meters	_	_	<b>(0.7)</b>	1.0	0.3	_	_
Other	2.2	2.7	(0.5)	_	4.4	_	*
	169.4	(24.4)	14.0	1.0	160.0		

	January 1, 2016	Balances arising in the period	Recovery/ reversal	Other movements	December 31, 2016	Remaining recovery/ reversal period	Carrying charges applicable
	\$	\$	\$	\$	\$	(months)	
Deferred taxes	114.8	(49.5)	_	_	65.3	note 9[j]	_
Settlement variances	_	89.3	1.2	(27.7)	62.8	note 9[k]	*
Capital-related revenue							
requirement	2.8	6.0	_	_	8.8	note 9[1]	*
Derecognition	9.9	2.9	_	_	12.8	note 9[m]	*
Tax-related variances	26.5	_	(8.5)	(0.5)	17.5	24	*
ICM	9.7	0.1	(9.8)	_	_	_	*
Gain on disposal	5.9	_	_	(5.9)	_	_	*
Other	2.0	1.2	(2.0)	1.0	2.2	_	*
	171.6	50.0	(19.1)	(33.1)	169.4		

<sup>\*</sup> In accordance with the OEB's direction, carrying charges were accrued to certain regulatory balances at a rate of 1.10% for January 1, 2017 to September 30, 2017 and 1.50% for October 1, 2017 to December 31, 2017 [2016 - 1.10%].

The "Balances arising in the period" column consists of new additions to regulatory balances (for both debits and credits). The "Recovery/reversal" column consists of amounts disposed through OEB-approved rate riders or transactions reversing an existing regulatory balance. The "Other movements" column consists of impairment and reclassification between the regulatory debit and credit balances. In addition, the "Other movements" column includes reclassification of regulatory deferral accounts considered to be insignificant into the "Other" categories. During 2016, residual regulatory balances approved by the OEB for disposition over a 10-month period commencing on March 1, 2016 were reclassified from "Other" regulatory debit balance, settlement variances and tax-related variances into "Other" regulatory credit balance. There was no impairment recorded for the year ended December 31, 2017.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

Reconciliation between the net movements in regulatory balances shown above and the net movements presented on the consolidated statements of income and the consolidated statements of comprehensive income is as follows:

	2017 \$	2016 \$
Total movements per regulatory debit balances table	9.1	(50.9)
Total movements per regulatory credit balances table	9.4	2.2
Total net movements	18.5	(48.7)
Net movements per financial statements:		
Net movements in regulatory balances	(13.1)	(77.2)
Net movements in regulatory balances arising from deferred tax assets	13.2	44.0
Net movements in regulatory balances related to OCI, net of tax	18.4	(15.5)
Total net movements per financial statements	18.5	(48.7)

Regulatory developments in Ontario's electricity industry and other governmental policy changes may affect the electricity distribution rates charged by LDC and the costs LDC is permitted to recover. There is a risk that the OEB may disallow the recovery of a portion of certain costs incurred in the current period through future rates or disagree with the proposed recovery period. In the event that the disposition of these balances is assessed to no longer be probable based on management's judgment, any impairment will be recorded in the period when the assessment is made.

The regulatory balances of the Corporation consist of the following:

#### a) OPEB Actuarial Net Loss

This regulatory balance accumulates the actuarial gains and losses arising from changes in actuarial assumptions and experience adjustments recognized in OCI. The balance arising during the year ended December 31, 2017 of \$25.1 million is related to the actuarial loss recorded for the year [2016 - \$21.0 million actuarial gain] [note 14[a]]. The net position is an actuarial loss that is recoverable in future rates. LDC has not sought recovery to date from the OEB as changes in underlying assumptions may reduce the balance in the account. LDC expects to recover this regulatory balance as per OEB direction, in a future rate application.

## b) Foregone Revenue

This regulatory balance relates to the revenue that LDC would have recovered in 2015 and 2016 if new OEB-approved rates were implemented as of May 1, 2015 and January 1, 2016, respectively. In the CIR decision and rate order, the OEB approved foregone revenue rate riders over 46 months commencing on March 1, 2016 for May 1, 2015 to December 31, 2015 based on approved 2015 rates and for January 1, 2016 to February 29, 2016 based on approved 2016 rates.

## c) Gain on Disposal

This regulatory balance consists of the net of amounts disposed through the OEB-approved rate riders offset by the related tax savings (debits), and the after-tax gain realized on two significant LDC properties (credits). As part of the CIR decision and rate order, LDC agreed to a rate rider that would pass the total forecasted net gains along with future tax savings on both properties back to ratepayers, effective from March 1, 2016 to December 31, 2018. During 2015, the gain on one of the properties was realized by LDC resulting in a net credit balance at December 31, 2015. As at December 31, 2016, the amount disposed through the rate riders exceeded the gain realized on the first property as the second property was still not sold, resulting in a net debit balance. Upon the sale of the second property, the account



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

would revert to a credit balance if actual net gains and tax savings exceed the total amount of the approved rate riders [note 8]. In the second quarter of 2017, LDC realized a gain in connection with the disposal of a third property. LDC expects to seek disposition for any residual balance in a future rate application.

## d) Lost Revenue Adjustment Mechanism

This regulatory balance relates to the difference between the level of CDM program activities included in LDC's load forecast used to set approved rates and the actual impact of CDM activities achieved. New variances are accrued based on current CDM activities. Approved variances up to 2014 were disposed through OEB-approved rate riders over 12 months commencing on January 1, 2017 and approved variances for 2015 and 2016 will be disposed through OEB-approved rate riders over 12 months commencing on January 1, 2018. Variances pertaining to years subsequent to 2016 have yet to be applied for disposition.

# e) IFRS Transitional Adjustments

This regulatory balance relates to the differences arising from accounting policy changes for PP&E and intangible assets due to the transition from US GAAP to IFRS in 2014, primarily related to derecognition of certain assets and additional capitalized borrowing costs. In the CIR decision and rate order, the OEB approved disposition of the balance over 46 months commencing on March 1, 2016.

# f) Stranded Meters and Smart Meters

These regulatory balances relate to the provincial government's decision to install smart meters throughout Ontario.

The net book value of stranded meters related to the deployment of smart meters was reclassified from PP&E to a new regulatory balance as at December 31, 2013. In the CIR decision and rate order, the OEB approved LDC's request for recovery of the forecasted net book value of the stranded meters as at December 31, 2014 over 46 months commencing on March 1, 2016.

On January 16, 2014, the OEB approved LDC's request for incremental revenue and disposition of the smart meter regulatory balances to be recovered through rates over 36 months commencing on May 1, 2014. The OEB ruling on smart meters also permitted the recovery in principle of LDC's allowed cost of capital on smart meters since 2008, with a rate order issued to this effect. This allows LDC to recover the incremental revenue requirement associated with these assets for the period during which they remained outside of rate base.

# g) OPEB Cash versus Accrual

This regulatory balance relates to the difference between LDC's forecasted OPEB costs determined on an accrual basis and the cash payments made under the OPEB plans. The OEB directed LDC to track the difference as a temporary arrangement, pending the OEB's conclusion on the sector-wide policy consultation it initiated on the regulatory treatment of pension and OPEB costs. On September 14, 2017, the OEB issued its final report on the consultation and established the use of the accrual accounting method as the default method on which to set rates for OPEB costs. LDC will continue to track the cash versus accrual difference until its next rate application when the disposition of this regulatory balance will be considered. The timing of disposition of the balance is currently unknown.

## h) Named Properties

As part of 2010 rates, LDC had forecasted net gains on certain properties which were planned for sale between 2007 and 2011. This regulatory balance relates to the excess of those forecasted net gains over the actual net gains realized



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

upon the sale of the named properties. In the CIR decision and rate order, the OEB approved disposition of this variance over 46 months commencing on March 1, 2016.

## i) Capital Contributions

This regulatory balance relates to the difference between amounts included in rates for HONI capital contributions and actual contributions made in 2010 and 2011. In the CIR decision and rate order, the OEB approved disposition of this variance over 46 months commencing on March 1, 2016.

## j) Deferred Taxes

This regulatory credit balance relates to both deferred tax amounts reclassified under IFRS 14 [note 26[b]] and the expected future electricity distribution rate reduction for customers arising from timing differences in the recognition of deferred tax assets. LDC did not apply for disposition of the balance since it is reversed through timing differences in the recognition of deferred tax assets.

The amounts reclassified under IFRS 14 include the deferred tax liability related to regulatory balances of \$34.9 million as at December 31, 2017 [December 31, 2016 - \$36.4 million], offset by the recognition of a regulatory balance in respect of additional temporary differences for which a deferred tax amount was recognized of \$8.5 million as at December 31, 2017 [December 31, 2016 - \$10.4 million].

The deferred tax amount related to the expected future electricity distribution rate reduction for customers was \$32.4 million as at December 31, 2017 [December 31, 2016 - \$39.3 million].

#### k) Settlement Variances

This account includes the variances between amounts charged by LDC to customers, based on regulated rates, and the corresponding cost of electricity and non-competitive electricity service costs incurred by LDC. LDC has deferred the variances between the costs incurred and the related recoveries in accordance with the criteria set out in the accounting principles prescribed by the OEB. New variances are accrued based on current charges while approved variances up to 2016, including carrying charges forecasted to the end of 2017, will be disposed through OEB-approved rate riders over 12 months commencing on January 1, 2018. Settlement variances pertaining to years subsequent to 2016 have yet to be applied for disposition.

## l) Capital-related Revenue Requirement

This regulatory balance relates to the asymmetrical variance between the cumulative 2015 to 2019 capital-related revenue requirement included in rates and the actual capital-related revenue requirement over the same period. If the cumulative 2015 to 2019 capital-related revenue requirement included in rates exceeds the actual capital-related revenue requirement over the same rate period, LDC must apply for disposition of this account in order to clear the balance to ratepayers through a rate rider. This account was approved by the OEB in the CIR decision and rate order. The timing of disposition of the balance is currently unknown.

# m) Derecognition

This regulatory balance relates to the difference between the revenue requirement on derecognition of PP&E and intangible assets included in the OEB-approved rates and the actual amounts of derecognition. This account was approved by the OEB in the CIR decision and rate order. The timing of disposition of the balance is currently unknown.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

#### n) Tax-related Variance Accounts

This regulatory credit balance arose from favourable income tax reassessments on certain prior year tax positions received, which differed from those assumed in previous applications for electricity distribution rates. In the CIR decision and rate order, the OEB approved disposition of the balance over 10-34 months commencing on March 1, 2016.

## o) Development charges

This regulatory balance relates to excess expansion deposits retained by LDC where the requested number of connections or electricity demand were not met by the connecting customer. Pursuant to the OEB's Distribution System Code, LDC may collect expansion deposits on offers to connect from specific customers to guarantee the payment of additional costs relating to expansion projects. During the customer connection horizon, LDC has an obligation to annually return the expansion deposit to the connecting customer in proportion to the actual connections or electricity demand that occurred in that year. If the number of connections or electricity demand requested by the customer do not materialize by the end of the specified customer connection horizon, LDC retained the excess expansion deposit not otherwise returned to the connecting customer.

The excess expansion deposits were recorded as a regulatory balance on the Consolidated Balance Sheets, with a corresponding offset in net movements in regulatory balances. This regulatory balance is expected to offset future electricity distribution rates for customers, although application has yet to be made to dispose of the balance.

## p) Incremental Capital Module

This regulatory balance related to the ICM application approved by the OEB and the associated rate riders, which became effective June 1, 2013. The balance of \$9.8 million represented the net of amounts collected through the ICM rate riders from 2013 to 2014 and amounts recognized in profit or loss in relation to the eligible in-service capital expenditures. Further to the OEB's decision on July 28, 2016, the entire balance of \$9.8 million was recorded as an increase in equity through net movements in regulatory balances in 2016.

#### 10. SHORT-TERM BORROWINGS

The Corporation is a party to a credit agreement with a syndicate of Canadian chartered banks which established a revolving credit facility ["Revolving Credit Facility"], pursuant to which it may borrow up to \$800.0 million, of which up to \$210.0 million is available in the form of letters of credit. On August 1, 2017, the maturity date of the Revolving Credit Facility was extended by one year from October 10, 2021 to October 10, 2022. Borrowings under the Revolving Credit Facility bear interest at short-term floating rates plus a fixed spread, which varies in accordance with the Corporation's credit rating.

The Corporation has a commercial paper program allowing up to \$600.0 million of unsecured short-term promissory notes ["Commercial Paper Program"] to be issued in various maturities of no more than one year. The Commercial Paper Program is supported by liquidity facilities available under the Revolving Credit Facility; hence, available borrowing under the Revolving Credit Facility is reduced by the amount of commercial paper outstanding at any point in time. Proceeds from the Commercial Paper Program are used for general corporate purposes. Borrowings under the Commercial Paper Program bear interest based on the prevailing market conditions at the time of issuance.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

Additionally, the Corporation is a party to:

- a \$75.0 million demand facility with a Canadian chartered bank for the purpose of issuing letters of credit mainly to support LDC's prudential requirements with the IESO ["Prudential Facility"]; and
- a \$20.0 million demand facility with a second Canadian chartered bank for the purpose of working capital management ["Working Capital Facility"].

The available amount under the Revolving Credit Facility as well as outstanding borrowings under the Revolving Credit Facility and Commercial Paper Program are as follows:

	Revolving Credit Facility Limit \$	Revolving Credit Facility Borrowings \$	Commercial Paper Outstanding \$	Revolving Credit Facility Availability \$
D 1 21 2017	000.0		150.0	641.0
December 31, 2017	800.0	_	159.0	641.0
December 31, 2016	800.0	_	261.0	539.0

For the year ended December 31, 2017, the average aggregate outstanding borrowings under the Corporation's Revolving Credit Facility, Working Capital Facility and Commercial Paper Program were \$210.3 million [2016 - \$348.7 million] with a weighted average interest rate of 0.93% [2016 - 0.89%].

As at December 31, 2017, \$11.7 million had been drawn under the Working Capital Facility [December 31, 2016 - \$7.1 million] and \$38.4 million of letters of credit had been issued against the Prudential Facility [December 31, 2016 - \$33.4 million].

# 11. ACCOUNTS PAYABLE AND ACCRUED LIABILITIES

Accounts payable and accrued liabilities consist of the following:

	2017 \$	2016 \$
Trade payables	325.1	328.6
Accrued liabilities	133.2	116.3
Due to related parties [note 23]	40.1	41.0
Accrued interest	15.9	16.6
Other	2.0	1.9
	516.3	504.4



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# 12. DEFERRED REVENUE

Deferred revenue consists of capital contributions received from electricity customers to construct or acquire PP&E which have not yet been recognized into other revenue, and revenue not yet recognized from ancillary services [note 26[j]].

	2017 \$	2016 \$
	142.6	102.0
Capital contributions, beginning of year	143.6	103.0
Capital contributions received	50.8	44.7
Amortization	(4.7)	(3.8)
Other	(1.5)	(0.3)
Capital contributions, end of year	188.2	143.6
Other	1.7	1.8
Total deferred revenue	189.9	145.4
Less: Current portion of deferred revenue relating to:		
Capital contributions	9.0	3.3
Other	1.7	1.8
Current portion of deferred revenue	10.7	5.1
Non-current portion of deferred revenue	179.2	140.3



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

## 13. DEBENTURES

Debentures consist of the following:

	2017 \$	2016 \$
Senior unsecured debentures		
Series 2 – 5.15% due November 14, 2017	_	250.0
Series 3 – 4.49% due November 12, 2019	250.0	250.0
Series 6 – 5.54% due May 21, 2040	200.0	200.0
Series 7 – 3.54% due November 18, 2021	300.0	300.0
Series 8 – 2.91% due April 10, 2023	250.0	250.0
Series 9 – 3.96% due April 9, 2063	245.0	245.0
Series 10 – 4.08% due September 16, 2044	200.0	200.0
Series 11 – 3.55% due July 28, 2045	200.0	200.0
Series 12 – 2.52% due August 25, 2026	200.0	200.0
Series 13 – 3.485% due February 28, 2048	200.0	
Total debentures	2,045.0	2,095.0
Less: Unamortized debt issuance costs	10.2	9.7
Unamortized discount/premium	0.8	0.7
Current portion of debentures	<u>—</u>	249.8
Long-term portion of debentures	2,034.0	1,834.8

All debentures of the Corporation rank equally.

The Corporation filed a base shelf prospectus dated May 8, 2017 with the securities commissions or similar regulatory authorities in each of the provinces of Canada. These filings allow the Corporation to make offerings of unsecured debt securities of up to \$1.0 billion during the 25-month period following the date of the prospectus.

On June 14, 2016, the Corporation issued \$200.0 million senior unsecured debentures at a rate of 2.52% ["Series 12"]. The Series 12 debentures due on August 25, 2026 were priced at \$999.84 per \$1,000 principal amount and bear interest payable semi-annually in arrears. The net proceeds were used to repay certain existing indebtedness and for general corporate purposes. Debt issuance costs of \$1.3 million relating to the Series 12 debentures were recorded against the carrying amount of the debentures in the second quarter of 2016 and are amortized to finance costs using the effective interest method.

On November 14, 2017, the Corporation issued \$200.0 million senior unsecured debentures at a rate of 3.485% ["Series 13"]. The Series 13 debentures due on February 28, 2048 were priced at \$999.29 per \$1,000 principal amount and bear interest payable semi-annually in arrears. The net proceeds were used to repay certain existing indebtedness and for general corporate purposes. Debt issuance costs of \$1.4 million relating to the Series 13 debentures were recorded against the carrying amount of the debentures in the fourth quarter of 2017 and are amortized to finance costs using the effective interest method.

The Corporation's Series 2 debentures matured and were repaid on November 14, 2017.

The Corporation may redeem all or part of its outstanding debentures at any time prior to maturity at a price equal to the greater of the Canada Yield Price (determined in accordance with the terms of the debentures) and par, plus accrued and unpaid interest up to and excluding the date fixed for redemption. Also, the Corporation may, at any time and from time to time, purchase debentures for cancellation, in the open market, by tender or by private contract, at any



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

price agreed upon with the holder of the debentures being purchased. The debentures contain certain covenants which, subject to certain exceptions, restrict the ability of the Corporation and LDC to create security interests, incur additional indebtedness or dispose of all or substantially all of their assets.

#### 14. EMPLOYEE FUTURE BENEFITS

#### Pension

The Corporation's eligible employees participate in a defined benefit pension plan through OMERS. As at December 31, 2017, the OMERS plan was 94.0% funded [December 31, 2016 - 93.4%]. OMERS has a strategy to return the plan to a fully funded position. The Corporation is not able to assess the implications, if any, of this strategy or of the withdrawal of other participating entities from the OMERS plan on its future contributions. For the year ended December 31, 2017, the Corporation's contributions were \$17.6 million [2016 - \$17.6 million], representing less than five percent of total contributions to the OMERS plan. The Corporation expects to contribute approximately \$19.0 million to the OMERS plan in 2018.

## Post-employment benefits other than pension

# a) Benefit obligation

	2017 \$	2016 \$
		Ť
Balance, beginning of year	280.5	296.5
Current service cost	4.1	6.2
Interest cost	11.2	12.0
Benefits paid	(11.0)	(10.9)
Experience loss (gain) (1)	1.9	(4.2)
Actuarial gain arising from changes in demographic assumptions (1)	_	(17.5)
Actuarial loss (gain) arising from changes in financial assumptions (1)	26.3	(1.6)
Balance, end of year	313.0	280.5

<sup>(1)</sup> Actuarial loss (gain) on accumulated sick leave credits of \$3.1 million [2016 - (\$2.3) million] is recognized in benefit cost [note 14[c]] and actuarial loss (gain) on medical, dental and life insurance benefits of \$25.1 million [2016 - (\$21.0) million] is recognized in OCI [note 14[d]].

The weighted average duration of the benefit obligation as at December 31, 2017 is 16.7 years [2016 - 16.7 years].

## b) Amounts recognized in regulatory balances

As at December 31, 2017, the amount recognized in regulatory balances related to net actuarial loss was \$85.3 million [December 31, 2016 - \$60.2 million] [note 9[a]].



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# c) Benefit cost recognized

	<b>2017</b> \$	2016 \$
Current service cost	4.1	6.2
Interest cost	11.2	12.0
Actuarial loss (gain) on other employee benefits [note 14[a]]	3.1	(2.3)
Benefit cost	18.4	15.9
Capitalized to PP&E and intangible assets	8.1	6.4
Charged to operating expenses	10.3	9.5

# d) Amounts recognized in OCI

	2017 \$	2016 \$
	,	·
Actuarial loss (gain) [note 14[a]]	25.1	(21.0)
Income tax expense (recovery) in OCI [note 21]	(6.7)	5.5
Remeasurements of post-employment benefits, net of tax	18.4	(15.5)
Net movements in regulatory balances related to OCI, net of tax	(18.4)	15.5
OCI, net of tax	_	_

# e) Significant assumptions

	2017	2016
Discount rate (%) used in the calculation of:		
Benefit obligation as at December 31	3.50	4.00
Assumed medical and dental cost trend rates (%) as at December 31:		
Rate of increase in dental costs assumed for next year	4.00	4.00
Rate of increase in medical costs assumed for next year		
For pre July 2000 retirements	5.00	5.00
For other retirements	5.50	5.50
Rate that medical cost trend rate gradually declines to		
For pre July 2000 retirements	5.00	5.00
For other retirements	5.00	5.00
Year that the medical cost trend rate reaches the ultimate trend rate		
For pre July 2000 retirements	2015	2015
For other retirements	2018	2018



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# f) Sensitivity analysis

Significant actuarial assumptions for benefit obligation measurement purposes are discount rate and assumed medical and dental cost trend rates. The sensitivity analysis below has been determined based on reasonably possible changes of the assumptions, in isolation of one another, occurring at the end of the reporting period. This analysis may not be representative of the actual change since it is unlikely that changes in the assumptions would occur in isolation of one another as some of the assumptions may be correlated.

Changes in key assumptions would have had the following effect on the benefit obligation:

	Change in assumption	2017 \$	2016 \$
Benefit obligation		313.0	280.5
Discount rate	1%	(46.8) 60.2	(42.0) 54.0
Medical and dental cost trend rate	1% 1% 1%	40.2 (36.0)	36.1 (32.3)

#### 15. CAPITAL MANAGEMENT

The Corporation's main objectives when managing capital are to:

- ensure ongoing access to funding to maintain, refurbish and expand the electricity distribution system of LDC:
- ensure sufficient liquidity is available (either through cash and cash equivalents, investments or committed credit facilities) to meet the needs of the business;
- · ensure compliance with covenants related to its credit facilities and senior unsecured debentures; and
- minimize finance costs while taking into consideration current and future industry, market and economic risks and conditions.

The Corporation monitors forecasted cash flows, capital expenditures, debt repayment and key credit ratios similar to those used by key rating agencies. The Corporation manages capital by preparing short-term and long-term cash flow forecasts. In addition, the Corporation accesses capital debt markets as required to help fund some of the periodic net cash outflows and to maintain available liquidity. There have been no changes in the Corporation's approach to capital management during the year. As at December 31, 2017, the Corporation's definition of capital included equity, borrowings under its Working Capital Facility, Commercial Paper Program and Revolving Credit Facility, long-term debt and obligations under finance leases, including the current portion thereof, and had remained unchanged from the definition as at December 31, 2016. As at December 31, 2017, equity amounted to \$1,760.4 million [December 31, 2016 - \$1,428.9 million], and borrowings under its Working Capital Facility, Commercial Paper Program and Revolving Credit Facility, long-term debt and obligations under finance leases, including the current portion thereof, amounted to \$2,206.2 million [December 31, 2016 - \$2,357.8 million].

The Corporation is subject to debt agreements that contain various covenants. The Corporation's unsecured debentures limit consolidated funded indebtedness to a maximum of 75% of total consolidated capitalization as defined in the agreements. The Corporation's Revolving Credit Facility limits the debt to capitalization ratio to a maximum of 75%.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

The Corporation's debt agreements also include restrictive covenants such as limitations on designated subsidiary indebtedness, and restrictions on mergers and dispositions of designated subsidiaries. As at December 31, 2017 and December 31, 2016, the Corporation was in compliance with all covenants included in its trust indenture, supplemental trust indentures and Revolving Credit Facility agreement.

#### 16. FINANCIAL INSTRUMENTS

## a) Recognition and measurement

As at December 31, 2017 and December 31, 2016, the fair values of accounts receivable, unbilled revenue, Working Capital Facility, commercial paper, and accounts payable and accrued liabilities approximated their carrying amounts due to the short maturity of these instruments [note 26[k]]. The fair value of customer deposits approximates their carrying amounts taking into account interest accrued on the outstanding balance. Obligations under finance leases are measured based on a discounted cash flow analysis and approximate the carrying amounts as management believes that the fixed interest rates are representative of current market rates.

The carrying amounts and fair values of the Corporation's debentures consist of the following:

	2017 \$		2016 \$	
	Carrying amount	Fair value	Carrying amount	Fair value
Senior unsecured debentures				
Series 2 – 5.15% due November 14, 2017	_	_	249.8	258.7
Series 3 – 4.49% due November 12, 2019	249.6	260.6	249.5	270.8
Series 6 – 5.54% due May 21, 2040	198.7	264.2	198.7	253.5
Series 7 – 3.54% due November 18, 2021	299.1	313.9	298.9	322.8
Series 8 – 2.91% due April 10, 2023	249.2	255.5	249.0	259.3
Series 9 – 3.96% due April 9, 2063	243.3	266.4	243.3	246.4
Series 10 – 4.08% due September 16, 2044	198.4	221.0	198.3	209.4
Series 11 – 3.55% due July 28, 2045	198.3	202.9	198.3	191.3
Series 12 – 2.52% due August 25, 2026	198.9	196.2	198.8	195.5
Series 13 – 3.485% due February 28, 2048	198.5	200.7	_	_
	2,034.0	2,181.4	2,084.6	2,207.7

<sup>(1)</sup> The fair value measurement of financial instruments for which the fair value has been disclosed is included in Level 2 of the fair value hierarchy [note 26[k]].

## b) Financial risks

The following is a discussion of financial risks and related mitigation strategies that have been identified by the Corporation for financial instruments. This is not an exhaustive list of all risks, nor will the mitigation strategies eliminate all risks listed.

#### Credit risk

The Corporation is exposed to credit risk as a result of the risk of counterparties defaulting on their obligations. The Corporation's exposure to credit risk primarily relates to accounts receivable and unbilled revenue. The Corporation monitors and limits its exposure to credit risk on a continuous basis.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

The Corporation is subject to credit risk with respect to customer non-payment of electricity bills. LDC obtains security instruments from certain customers in accordance with direction provided by the OEB. As at December 31, 2017, LDC held security deposits in the amount of \$58.2 million [December 31, 2016 - \$54.1 million], of which \$29.8 million [December 31, 2016 - \$30.0 million] was related to security deposits on offers to connect to guarantee the payment of additional costs related to expansion projects. The Corporation's security instruments may not provide sufficient protection from counterparties defaulting on their obligations. As at December 31, 2017, there were no significant concentrations of credit risk with respect to any customer. The credit risk and mitigation strategies with respect to unbilled revenue are the same as those for accounts receivable. The credit risk related to cash, cash equivalents and investments is mitigated by the Corporation's treasury policies on assessing and monitoring the credit exposures of counterparties.

The Corporation did not have any single customer that generated more than 10% of total consolidated revenue for the years ended December 31, 2017 and December 31, 2016.

Credit risk associated with accounts receivable and unbilled revenue is as follows:

	2017 \$	2016 \$
Accounts receivable (net of allowance for doubtful accounts) Outstanding for not more than 30 days Outstanding for more than 30 days and not more than 120 days Outstanding for more than 120 days	178.6 33.8 5.3	197.9 27.3 4.6
Total accounts receivable Unbilled revenue	217.7 278.3	229.8 320.5
Total accounts receivable and unbilled revenue	496.0	550.3

The Corporation has a broad base of customers. As at December 31, 2017 and December 31, 2016, the Corporation's accounts receivable and unbilled revenue which were not past due or impaired were assessed by management to have no significant collection risk and no additional allowance for doubtful accounts was required for these balances.

Reconciliation between the opening and closing allowance for doubtful accounts balances is as follows:

	2017 \$	2016 \$
Delenes besigning of seen	(0.0)	(11.5)
Balance, beginning of year	(9.8)	(11.5)
Provision for doubtful accounts	(6.2)	(4.0)
Write-offs Recoveries	6.0	6.0
	(0.2)	(0.3)
Balance, end of year	(10.2)	(9.8)

Unbilled revenue represents amounts for which the Corporation has a contractual right to receive cash through future billings and are unbilled at period-end. Unbilled revenue is considered current and no allowance for doubtful accounts was provided as at December 31, 2017 and December 31, 2016.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

#### Interest rate risk

The Corporation is exposed to fluctuations in interest rates for the valuation of its post-employment benefit obligations [note 14[f]]. The Corporation is also exposed to short-term interest rate risk on the net of cash and cash equivalents, short-term borrowings under its Revolving Credit Facility, Working Capital Facility and Commercial Paper Program [note 10] and customer deposits. The Corporation manages interest rate risk by monitoring its mix of fixed and floating rate instruments, and taking action as necessary to maintain an appropriate balance.

As at December 31, 2017, aside from the valuation of its post-employment benefit obligations, the Corporation was exposed to interest rate risk predominately from short-term borrowings under its Commercial Paper Program and customer deposits, while most of its remaining obligations were either non-interest bearing or bear fixed interest rates, and its financial assets were predominately short-term in nature and mostly non-interest bearing. The Corporation estimates that a 100 basis point increase (decrease) in short-term interest rates, with all other variables held constant, would result in an increase (decrease) of approximately \$2.3 million to annual finance costs.

#### Liquidity risk

The Corporation is exposed to liquidity risk related to its ability to fund its obligations as they become due. The Corporation monitors and manages its liquidity risk to ensure access to sufficient funds to meet operational and financial requirements. The Corporation has access to credit facilities and debt capital markets and monitors cash balances daily. The Corporation's objective is to ensure that sufficient liquidity is on hand to meet obligations as they fall due while minimizing finance costs.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

Liquidity risks associated with financial commitments are as follows:

	2017					
	Due within 1 year \$	Due within 2 years	Due within 3 years \$	Due within 4 years \$	Due within 5 years \$	Due after 5 years \$
Working Capital Facility	11.7	_	_	_	_	
Commercial paper (1)	159.0					
Accounts payable and accrued liabilities (2)	500.4	_	_	_	_	_
Obligations under finance leases	1.5	_		_	_	_
Senior unsecured debentures						
Series 3 – 4.49% due November 12, 2019	_	250.0	_	_	_	_
Series 6 – 5.54% due May 21, 2040	_	_	_	_	_	200.0
Series 7 – 3.54% due November 18, 2021	_	_	_	300.0	_	_
Series 8 – 2.91% due April 10, 2023	_	_	_	_	_	250.0
Series 9 – 3.96% due April 9, 2063	_	_	_	_	_	245.0
Series 10 – 4.08% due September 16, 2044	_	_	_	_	_	200.0
Series 11 – 3.55% due July 28, 2045	_	_	_	_	_	200.0
Series 12 – 2.52% due August 25, 2026	_	_	_	_	_	200.0
Series 13 – 3.485% due February 28, 2048	_	_	_	_	_	200.0
Interest payments on debentures	75.7	77.1	66.0	66.0	55.3	1,131.2
	748.3	327.1	66.0	366.0	55.3	2,626.2

# Foreign exchange risk

As at December 31, 2017, the Corporation had limited exposure to the changing values of foreign currencies. While the Corporation purchases goods and services which are payable in US dollars, and purchases US currency to meet the related commitments when required, the impact of these transactions is not material to the Consolidated Financial Statements.

<sup>(1)</sup> The notes under the Commercial Paper Program were issued at a discount and are repaid at their principal amount.
(2) Accounts payable and accrued liabilities exclude \$15.9 million of accrued interest on debentures included within "Interest payments on debentures".



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

## 17. SHARE CAPITAL

Share capital consists of the following:

	Number of Shares	\$
Authorized The authorized share capital of the Corporation consists of an unlimited number of common shares without par value. All shares issued were fully paid.		
Issued and outstanding		
Common shares, beginning of the year	1,000	567.8
Common shares issued (1)	200	250.0
Common shares issued and outstanding, end of the year	1,200	817.8

<sup>(1)</sup> On June 28, 2017, the Corporation issued 200 common shares to the City for total proceeds of \$250.0 million, net of share issue costs and expenses.

#### Dividends

The Shareholder Direction adopted by the City with respect to the Corporation provides that the Board of Directors of the Corporation will use its best efforts to ensure that the Corporation meets certain financial performance standards, including those relating to credit rating and dividends.

On March 2, 2017, the Board of Directors of the Corporation declared dividends in the amount of \$6.25 million with respect to the first quarter of 2017 [March 31, 2016 – \$44.6 million], which was paid to the City on March 31, 2017.

On May 11, 2017, the Board of Directors of the Corporation declared dividends in the amount of \$6.25 million with respect to the second quarter of 2017 [June 30, 2016 – \$6.25 million], which was paid to the City on June 30, 2017. In connection with receipt of the equity investment from the City, the Board of Directors of the Corporation declared dividends payable to the City and approved amendments to the Corporation's Dividend Policy, as follows:

- [i] In respect of fiscal 2017, an aggregate amount of \$75.0 million shall be paid to the City, consisting of the two previously declared and paid instalments of \$6.25 million each and a further \$62.5 million. The \$62.5 million was paid to the City on July 7, 2017.
- [ii] In respect of fiscal 2018 and subsequent fiscal years, 60% of the Corporation's consolidated net income after net movements in regulatory balances for the prior fiscal year shall be declared separately in four equal quarterly instalments, with each instalment payable to the City on the last business day of each fiscal quarter.

On March 7, 2018, the Board of Directors of the Corporation declared a quarterly dividend in the amount of \$23.5 million, payable to the City by March 31, 2018.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# 18. OTHER REVENUE

Other revenue consists of the following:

	2017 \$	2016 \$
Ancillary services	22.3	16.4
Street lighting service fee	18.9	16.6
Pole and duct rentals	15.8	12.0
Other regulatory service charges	13.3	16.7
CDM mid-term incentive [note 3[c]]	12.2	_
Development charges [note 9[0]]	5.1	_
Amortization of deferred revenue [note 12]	4.7	3.8
Miscellaneous	15.4	10.4
	107.7	75.9

# 19. OPERATING EXPENSES

Operating expenses consist of the following:

	2017 \$	2016 \$
Salaries and benefits	226.5	223.6
External services	138.6	112.9
Other support costs (1)	22.3	32.7
Materials and supplies	21.6	16.7
Less: Capitalized costs	(116.0)	(108.8)
	293.0	277.1

<sup>(1)</sup> Includes taxes other than income taxes, utilities, rental, communication, insurance, and other general and administrative expenses.

For the year ended December 31, 2017, the Corporation recognized operating expenses of \$13.0 million related to materials and supplies used to service electricity distribution assets [2016 - \$7.6 million].



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# 20. FINANCE COSTS

Finance costs consist of the following:

	2017 \$	2016 \$
Interest income Interest expense	(0.2)	(0.2)
Interest on long-term debt (1)	83.2	81.6
Interest on short-term debt	3.7	4.9
Other interest	0.8	0.5
Capitalized borrowing costs	(9.8)	(12.6)
	77.7	74.2

<sup>(1)</sup> Includes amortization of debt issuance costs, discounts and premiums.

# 21. INCOME TAXES

Income tax expense differs from the amount that would have been recorded using the combined statutory Canadian federal and provincial income tax rate. Reconciliation of income tax expense computed at the statutory income tax rate to the income tax provision is set out below:

	2017 \$	2016 \$
	Ψ	Ψ
Rate reconciliation before net movements in regulatory balances		
Income before income taxes	201.1	251.7
Statutory Canadian federal and provincial income tax rate	26.5%	26.5%
Expected income tax expense	53.3	66.7
Non-taxable amounts	<b>(8.7)</b>	0.4
Other	0.1	_
Income tax expense	44.7	67.1
Effective tax rate	22.2%	26.7%
Rate reconciliation after net movements in regulatory balances		
Net income after net movements in regulatory balances, before income tax (1)	188.0	174.5
Statutory Canadian federal and provincial income tax rate	26.5%	26.5%
Expected income tax expense	49.8	46.2
Temporary differences recoverable in future rates	(15.5)	(22.7)
Other	(2.8)	(0.4)
Income tax expense and income tax recorded in net movements in regulatory		
balances	31.5	23.1
Effective tax rate	16.8%	13.2%

<sup>(1)</sup> Income tax includes income tax expense and income tax recorded in net movements in regulatory balances.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

Income tax expense as presented in the consolidated statements of income and OCI are as follows:

2017 \$	2016 \$
44.7 (13.2)	67.1 (44.0)
31.5	23.1
(6.7)	5.5
6.7	(5.5)
	\$ 44.7 (13.2)  31.5 (6.7)

Components of income tax expense and income tax recorded in net movements in regulatory balances are as follows:

	2017 \$	2016 \$
Current tax expense		
Current year	32.5	24.3
Adjustment for tax positions taken in prior periods	(1.1)	(2.2)
	31.4	22.1
Deferred tax expense		
Origination and reversal of temporary differences	0.1	1.0
Income tax expense and income tax recorded in net movements in regulatory		
balances	31.5	23.1

Deferred tax assets consist of the following:

	Net balance, January 1 2017 \$	Recognized in net income \$	Recognized in OCI \$	Net balance, December 31 2017 \$
PP&E and intangible assets Post-employment benefits	11.7 74.3	(26.6) 1.9	 6.7	(14.9) 82.9
Other taxable temporary differences	(22.2)	11.2		(11.0)
	63.8	(13.5)	6.7	57.0

	Net balance, January 1 2016 \$	Recognized in net income	Recognized in OCI	Net balance, December 31 2016 \$
PP&E and intangible assets Post-employment benefits	34.5 78.6	(22.8) 1.2	(5.5)	11.7 74.3
Other taxable temporary differences	1.2	(23.4)	(5.5)	(22.2)
	114.3	(45.0)	(5.5)	63.8



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

As at December 31, 2017, the Corporation had accumulated net capital losses of \$18.7 million [December 31, 2016 - \$18.7 million], which are available to offset capital gains in future years. As at December 31, 2017, the Corporation had \$1.7 million accumulated non-capital losses for income tax purposes [December 31, 2016 - \$2.6 million], which are available to offset net income in future years before expiring [\$1.4 million expires in 2035 and \$0.3 million expires in 2036].

Deferred tax assets have not been recognized in respect of the following items because it is not probable that future taxable income will be available against which the Corporation can utilize the benefits therefrom.

	2017 \$	2016 \$
Deductible temporary differences Net capital losses Non-capital losses	7.4 5.0 0.4	7.7 5.0 0.7
	12.8	13.4

## 22. CONSOLIDATED STATEMENTS OF CASH FLOWS

Changes in non-cash working capital provided/(used) cash as follows:

	2017 \$	2016 \$
Accounts receivable	12.1	(38.1)
Unbilled revenue	42.2	(0.1)
Income tax receivable	_	9.9
Materials and supplies	0.4	0.1
Other current assets	0.8	(3.6)
Accounts payable and accrued liabilities	(6.0)	20.6
Income tax payable	4.7	8.1
Deferred revenue	5.6	0.3
Deferred conservation credit	3.8	(12.4)
Other current liabilities	(1.6)	(0.1)
	62.0	(15.3)



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

Reconciliation between the amount presented on the consolidated statements of cash flows and total additions to PP&E and intangible assets is as follows:

	2017 \$	2016 \$
Purchase of PP&E, cash basis  Net change in accruals related to PP&E  Other	440.0 9.9 1.6	511.7 (1.7) 1.8
Total additions to PP&E	451.5	511.8
Purchase of intangible assets, cash basis Net change in accruals related to intangible assets	93.4 8.0	39.9
Total additions to intangible assets	101.4	39.9

Summary of changes in liabilities arising from financing activities:

	2016 \$						2017 \$	
			Foreign exchange	Other				
Year ended December 31								
Commercial paper	261.0	(102.0)	_	_	159.0			
Dividends payable	_	(75.0)	_	75.0				
Debentures [note 13]	2,084.6	(51.5)	_	0.9	2,034.0			
Accrued interest (2)	16.6	(86.9)	_	86.2	15.9			
Lease liability (3)	4.6	(3.0)	(0.1)	_	1.5			
	2,366.8	(318.4)	(0.1)	162.1	2,210.4			

	2015 \$	Cash flows (1)	Non-cash changes		2016 \$	
	Ψ	Ψ	Foreign exchange	Other	Ψ	
Year ended December 31						
Commercial paper	324.0	(63.0)	_	_	261.0	
Dividends payable	_	(63.4)	_	63.4	_	
Debentures [note 13]	1,885.0	198.7	_	0.9	2,084.6	
Accrued interest (2)	14.9	(84.0)	_	85.7	16.6	
Lease liability (3)	8.0	(3.1)	(0.3)		4.6	
	2,231.9	(14.8)	(0.3)	150.0	2,366.8	

<sup>(1)</sup> Cash inflows and cash outflows arising from commercial paper borrowings and debentures are presented on a net basis

<sup>(2)</sup> Included within accounts payable and accrued liabilities [note 16[b]]

<sup>(3)</sup> Included within other liabilities



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

## 23. RELATED PARTY TRANSACTIONS

As the City is the sole shareholder of the Corporation, the Corporation and the City are considered related parties.

Summary of Transactions with Related Parties	2017 \$	<b>2016</b> \$
Revenues	283.3	275.3
Operating expenses and capital expenditures	22.2	26.9
Dividends	75.0	63.4

Summary of Amounts Due to/from Related Parties	2017 \$	2016 \$
Accounts receivable	13.8	12.7
Unbilled revenue	26.3	23.2
Accounts payable and accrued liabilities	40.1	41.0
Customer deposits	15.7	14.1
Deferred revenue	1.9	3.5

Revenues represent amounts charged to the City primarily for electricity, street lighting and ancillary services. Operating expenses and capital expenditures represent amounts charged by the City for purchased road cut repairs, property taxes and other services. Dividends are paid to the City [note 17].

Accounts receivable represents receivables from the City primarily for electricity, street lighting and ancillary services. Unbilled revenue represents receivables from the City mainly related to electricity provided and not yet billed. Accounts payable and accrued liabilities represent amounts payable to the City related to road cut repairs and other services. Customer deposits represent amounts received from the City for future expansion projects. Deferred revenue represents amounts received from the City primarily for the construction of electricity distribution assets.

Key management personnel include the Corporation's senior executive officers and members of the Board of Directors. The compensation costs associated with the key management personnel are as follows:

	2017 \$	2016 \$
Short-term employee benefits	4.6	4.1
Post-employment benefits	1.1	1.0
	5.7	5.1



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

## **24. COMMITMENTS**

# Operating leases and capital projects

As at December 31, 2017, the future minimum payments under property operating leases, capital projects and other commitments were as follows:

	Operating leases	Capital projects <sup>(1)</sup> and other
	\$	\$
Less than one year	0.3	17.5
Between one and five years	1.1	28.5
Total amount of future minimum payments (2)	1.4	46.0

<sup>(1)</sup> Mainly commitments for construction services and estimated capital contributions.

Operating lease expense for the year ended December 31, 2017 was \$0.8 million [2016 - \$2.8 million].

### Finance leases

As at December 31, 2017 and December 31, 2016, reconciliation between the future minimum lease payments and their present value was as follows:

		2017 \$			2016 \$	
	Future minimum lease payments	Interest	Present value of minimum lease payments	Future minimum lease payments	Interest	Present value of minimum lease payments
Less than one year	1.5	_	1.5	3.2	0.2	3.0
Between one and five years	_	_	_	1.6	_	1.6
More than five years	_	_	_	_	_	_
	1.5		1.5	4.8	0.2	4.6
Current portion included within Other liabilities			1.5			3.0
Non-current portion included within Other liabilities			_			1.6

<sup>(2)</sup> Refer to note 16 for financial commitments excluded from the table above.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

## 25. CONTINGENCIES

## Legal Proceedings

In the ordinary course of business, the Corporation is subject to various legal actions and claims from customers, suppliers, former employees and other parties. On an ongoing basis, the Corporation assesses the likelihood of any adverse judgments or outcomes as well as potential ranges of probable costs and losses. A determination of the provision required, if any, for these contingencies is made after an analysis of each individual issue. The provision may change in the future due to new developments in each matter or changes in approach, such as a change in settlement strategy. If damages were awarded under these actions, the Corporation and its subsidiaries would make a claim under any applicable liability insurance policies which the Corporation believes would cover any damages which may become payable by the Corporation and its subsidiaries in connection with these actions, subject to such claim not being disputed by the insurers.

### 26. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

### a) Basis of consolidation

The Consolidated Financial Statements include the accounts of the Corporation and its wholly-owned subsidiaries. All intercompany balances and transactions have been eliminated.

## b) Regulation

The following regulatory treatments have resulted in accounting treatments which differ from those prescribed by IFRS for enterprises operating in an unregulated environment and regulated entities that did not adopt IFRS 14 *Regulatory Deferral Accounts* ["IFRS 14"]:

### Regulatory Balances

In January 2014, the IASB issued IFRS 14 as an interim standard giving entities conducting rate-regulated activities the option of continuing to recognize regulatory balances according to their previous GAAP. Regulatory balances provide useful information about the Corporation's financial position, financial performance and cash flows. IFRS 14 is restricted to first-time adopters of IFRS and remains in force until either repealed or replaced by permanent guidance on rate-regulated accounting from the IASB.

The Corporation has determined that certain debit and credit balances arising from rate-regulated activities qualify for the application of regulatory accounting treatment in accordance with IFRS 14 and the accounting principles prescribed by the OEB in the "Accounting Procedures Handbook for Electricity Distributors". Under rate-regulated accounting, the timing and recognition of certain expenses and revenues may differ from those otherwise expected under other IFRS in order to appropriately reflect the economic impact of regulatory decisions regarding the Corporation's regulated revenues and expenditures. These amounts arising from timing differences are recorded as regulatory debit and credit balances on the Corporation's consolidated balance sheets, and represent existing rights and obligations regarding cash flows expected to be recovered from or refunded to customers, based on decisions and approvals by the OEB. Regulatory balances can be recognized for rate-setting and financial reporting purposes only if the OEB directs the relevant regulatory treatment or if future OEB direction is determined by management to be probable. In the event that the disposition of these balances is assessed to no longer be probable based on management's judgment, the balances are recorded in the Corporation's consolidated statements of income in the period when the assessment is made. Regulatory balances, which do not meet the definition of an asset or liability under any other IFRS, are segregated on the consolidated balance sheets and are presented on the consolidated statements of income and the consolidated statements of comprehensive income as net movements in regulatory balances and net movements in regulatory balances related to OCI, net of tax. The netting of regulatory debit and



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

credit balances is not permitted. The measurement of regulatory balances is subject to certain estimates and assumptions, including assumptions made in the interpretation of the OEB's regulations and decisions.

### c) Cash and cash equivalents

Cash and cash equivalents include cash in bank accounts and short-term investments with terms to maturity of 90 days or less from their date of acquisition. On the consolidated statements of cash flows, cash and cash equivalents (working capital facility) include bank overdrafts that are repayable on demand and form an integral part of the Corporation's cash management.

### d) Accounts receivable and unbilled revenue

Accounts receivable is recorded at the invoiced amount and overdue amounts bear interest at OEB-approved rates. Unbilled revenue is recorded based on an estimated amount for electricity delivered and for other services provided and not yet billed. The estimate is primarily based on the customers' previous billings with adjustments mainly for assumptions related to seasonality and weighted average price. The carrying amount of accounts receivable and unbilled revenue is reduced through an allowance for doubtful accounts, if applicable, and the amount of the related impairment loss is recognized in the consolidated statements of income. The impairment loss is the difference between an asset's carrying amount and the estimated future cash flows. When the Corporation considers that there are no realistic prospects of recovery of the financial assets, the relevant amounts are written off. If the amount of impairment loss subsequently decreases due to an event occurring after the impairment was recognized, then the previously recognized impairment loss is reversed through net income.

Accounts receivable and unbilled revenue are assessed at each reporting date to determine whether there is objective evidence of impairment, which includes default or delinquency by a debtor, indications that a debtor or issuer will enter bankruptcy, and adverse changes in the payment status of borrowers or issuers. Accounts receivable and unbilled revenue that are not individually assessed for impairment are collectively assessed for impairment by grouping together receivables with similar risk characteristics, and the Corporation considers historical trends on the timing of recoveries and the amount of loss incurred, as well as current economic and credit conditions.

### e) Materials and supplies

Materials and supplies consist primarily of small consumable materials mainly related to the maintenance of the electricity distribution infrastructure. The Corporation classifies all major construction related components of its electricity distribution infrastructure to PP&E. Materials and supplies are carried at the lower of cost and net realizable value, with cost determined on a weighted average cost basis net of a provision for obsolescence.

# f) Property, plant and equipment

PP&E are measured at cost less accumulated depreciation and any accumulated impairment losses, if applicable. The cost of PP&E represents the original cost, consisting of direct materials and labour, contracted services, borrowing costs, and directly attributable overhead. Subsequent costs are capitalized only if it is probable that the future economic benefits associated with the expenditure will flow to the Corporation and the costs can be measured reliably. If significant parts of an item of PP&E have different useful lives, then they are accounted for as separate major components of PP&E. The carrying amount of an item of PP&E is derecognized on disposal of the asset or when no future economic benefits are expected to accrue to the Corporation from its continued use. Any gain or loss arising on derecognition is recorded in the consolidated statements of income in the period in which the asset is derecognized. The gain or loss on disposal of an item of PP&E is determined as the sale proceeds less the carrying amount of the asset and costs of removal and is recognized in the consolidated statements of income.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

Depreciation begins when an asset becomes available for use. Depreciation is provided on a straight-line basis over the estimated useful lives at the following annual rates:

Distribution assets:	
Distribution lines	1.7% to 5.0%
Transformers	3.3% to 5.0%
Meters	2.5% to 6.7%
Stations	2.0% to 10.0%
Buildings	1.3% to 5.0%
Equipment and other:	
Street lighting assets	1.7% to 5.0%
Assets under finance lease	1.0% to 14.3%
Other capital assets	4.0% to 25.0%

Leased assets are depreciated over the shorter of the lease term and their useful lives unless it is reasonably certain that the Corporation will obtain ownership by the end of the lease term. Assets under finance lease included a 99-year land lease. Construction in progress relates to assets not currently available for use and therefore is not depreciated. The depreciation method and useful lives are reviewed at each financial year-end and adjusted if appropriate. There are no residual values for items of PP&E.

## g) Intangible assets

Intangible assets are measured at cost less accumulated amortization and any accumulated impairment losses, if applicable.

Amortization begins when an asset becomes available for use. Amortization is provided on a straight-line basis over the estimated useful lives at the following annual rates:

Computer software 10.0% to 25.0% Contributions 4.0%

Software in development and contributions for work in progress relate to assets not currently available for use and therefore are not amortized. Contributions represent payments made to HONI for dedicated infrastructure in order to receive connections to transmission facilities. The amortization method and useful lives are reviewed at each financial year-end and adjusted if appropriate.

## h) Impairment of non-financial assets

The Corporation reviews the carrying amounts of its non-financial assets other than materials and supplies and deferred tax assets at each reporting date to determine whether there is any indication of impairment, in which case the assets' recoverable amounts are estimated. For impairment testing, assets are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent on the cash inflows of other assets or CGUs. The Corporation has determined that its CGUs are at the individual entity level due to interdependencies of each entity's group of assets to generate cash flows. An impairment loss is recognized if the carrying amount of an asset or CGU exceeds its recoverable amount. Impairment losses are recognized in the consolidated statements of income, and are allocated to reduce the carrying amounts of assets in the CGU on a pro rata basis. An impairment loss recognized in prior periods is reversed when an asset's recoverable amount has increased, but not exceeding the carrying amount that would have been determined, net of depreciation, had no impairment loss been recognized for the asset in prior years.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# i) Capitalized borrowing costs

Borrowing costs directly attributable to the acquisition, construction or development of qualifying assets that necessarily take a substantial period of time to get ready for their intended use are capitalized, until such time as the assets are substantially ready for their intended use. The interest rate for capitalization is the Corporation's weighted average cost of borrowing, and is applied to the carrying amount of the construction-in-progress assets or assets under development including borrowing costs previously capitalized, net of capital contributions received. Capitalization commences immediately as the expenditure on a qualifying asset is incurred. Borrowing costs are included in PP&E and intangible assets for financial reporting purposes, and charged to operations through depreciation and amortization expense over the useful lives of the related assets.

## j) Revenue recognition

Revenues from energy sales and electricity distribution are recorded on the basis of cyclical billings and include an estimated amount for electricity delivered and not yet billed. These revenues are impacted by energy demand primarily driven by outside temperature, and customer class usage patterns and composition.

Energy sales arise from charges to customers for electricity consumed, based on regulated rates. Energy sales include amounts billed or billable to customers for commodity charges, retail transmission charges, and WMS charges at current rates. These charges are passed through to customers over time and are considered revenue by LDC due to the collection risk of the related balances. The Corporation applies judgment to determine whether revenues are recorded on a gross or net basis. The Corporation has primary responsibility for the delivery of electricity to the customer. During the same period, energy sales should be equal to the cost of energy purchased. However, a difference between energy sales and energy purchases arises when there is a timing difference between the amounts charged by LDC to customers, based on regulated rates, and the electricity and non-competitive electricity service costs billed monthly by the IESO to LDC. This difference is recorded as a settlement variance, representing future amounts to be recovered from or refunded to customers through future billing rates approved by the OEB. In accordance with IFRS 14, this settlement variance is presented within regulatory balances on the consolidated balance sheets and within net movements in regulatory balances on the consolidated statements of income.

Distribution revenue is recorded based on OEB-approved distribution rates to recover the costs incurred by LDC in delivering electricity to customers. Distribution revenue also includes revenue related to the collection of OEB-approved rate riders.

Other revenue, which includes revenue from services ancillary to the electricity distribution, delivery of street lighting services, and pole and duct rentals, is recognized as the services are rendered. When services are made up of different components which are not separately identifiable, the related other revenues are recognized on a straight-line basis over the term of the contract. Capital contributions received from electricity customers to construct or acquire PP&E for the purpose of connecting a customer to a network are recorded as deferred revenue and amortized into other revenue at an equivalent rate to that used for the depreciation of the related PP&E. Revenue from ancillary services not yet recognized is also included within deferred revenue.

Revenues and costs associated with CDM programs are presented using the net basis of accounting. Cost efficiency incentives related to the CDM programs, included as part of other revenue, are recognized when it is probable that future economic benefits will flow to the entity and the amount can be reasonably measured.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

#### k) Financial instruments

All financial assets are classified as "Loans and Receivables" and all financial liabilities are classified as "Other Financial Liabilities". These financial instruments are recognized initially at fair value adjusted for any directly attributable transaction costs. Subsequently, they are measured at amortized cost using the effective interest method less any impairment for the financial assets. The fair value of a financial instrument is the amount of consideration that would be agreed upon in an arm's length transaction between willing parties.

The Corporation uses the following methods and assumptions to estimate the fair value of each class of financial instruments for which carrying amounts are included in the consolidated balance sheets:

- Cash, cash equivalents and short-term investments are classified as "Loans and Receivables" and are
  measured at fair value. The carrying amounts approximate fair value due to the short maturity of these
  instruments.
- Accounts receivable and unbilled revenue are classified as "Loans and Receivables" and are measured at
  amortized cost, which, upon initial recognition, is considered equivalent to fair value. Subsequent
  measurements are recorded at amortized cost using the effective interest rate method. The carrying amounts
  approximate fair value due to the short maturity of these instruments.
- Working capital facility, revolving credit facility and commercial paper are classified as "Other Financial Liabilities" and are initially measured at fair value. Subsequent measurements are recorded at amortized cost using the effective interest rate method. The carrying amounts approximate fair value due to the short maturity of these instruments. Transaction costs incurred in connection with the Corporation's revolving credit facility are capitalized within other assets on the consolidated balance sheets and are amortized on a straight-line basis over the term of the facility, and are included in finance costs.
- Accounts payable and accrued liabilities are classified as "Other Financial Liabilities" and are initially measured at fair value. Subsequent measurements are recorded at amortized cost using the effective interest rate method. The carrying amounts approximate fair value because of the short maturity of these instruments.
- Customer deposits are classified as "Other Financial Liabilities" and are initially measured at fair value.
   Subsequent measurements are recorded at cost plus accrued interest. The carrying amounts approximate fair value taking into account interest accrued on the outstanding balance.
- Obligations under finance leases are classified as "Other Financial Liabilities" and are initially measured at fair value, or the present value of the minimum lease payments if lower. Subsequent measurements are based on a discounted cash flow analysis and approximate the carrying amount as management believes that the fixed interest rates are representative of current market rates.
- Debentures are classified as "Other Financial Liabilities" and are initially measured at fair value. The carrying amounts of the debentures are carried at amortized cost, based on the fair value of the debentures at issuance, which was the fair value of the consideration received adjusted for transaction costs. The fair values of the debentures are based on the present value of contractual cash flows, discounted at the Corporation's current borrowing rate for similar debt instruments [note 16[a]]. Debt issuance costs incurred in connection with the Corporation's debenture offerings are capitalized as part of the carrying amount of the debentures and amortized over the term of the related debentures, using the effective interest method, and the amortization is included in finance costs.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

### l) Fair value measurements

The Corporation utilizes valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. A fair value hierarchy exists that prioritizes observable and unobservable inputs used to measure fair value. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect the Corporation's assumptions with respect to how market participants would price an asset or liability. The fair value hierarchy includes three levels of inputs that may be used to measure fair value:

- Level 1: Unadjusted quoted prices in active markets for identical assets or liabilities. An active market for the asset or liability is a market in which transactions for the asset or liability occur with sufficient frequency and volume to provide pricing information on an ongoing basis;
- Level 2: Other than quoted prices included within Level 1 that are observable for the assets or liabilities, either directly or indirectly; and
- Level 3: Unobservable inputs, supported by little or no market activity, used to measure the fair value of the assets or liabilities to the extent that observable inputs are not available.

## m) Employee benefits

### (i) Short-term employee benefits

Short-term employee benefit obligations that are due to be settled wholly within twelve months after the end of the annual reporting period in which the employees render the related service are measured on an undiscounted basis and are expensed as the related service is provided. A liability is recognized for the amount expected to be paid if the Corporation has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

### (ii) Multi-employer pension plan

The Corporation's full-time employees participate in a pension plan through OMERS. The OMERS plan is a jointly sponsored, multi-employer defined benefit pension plan established in 1962 by the province of Ontario for employees of municipalities, local boards and school boards. Both participating employers and employees are required to make plan contributions equally based on participating employees' contributory earnings, and share equally in funding gains or losses. The plan assets and pension obligations are not segregated in separate accounts for each member entity. The OMERS plan is accounted for as a defined contribution plan and the contribution payable is recognized as an employee benefit expense in the consolidated statements of income in the period when the service is rendered by the employee, since it is not practicable to determine the Corporation's portion of pension obligations or of the fair value of plan assets.

# (iii) Post-employment benefits other than pension

The Corporation has a number of unfunded benefit plans providing post-employment benefits (other than pension) to its employees. The Corporation pays certain medical, dental and life insurance benefits under unfunded defined benefit plans on behalf of its retired employees. The Corporation also pays accumulated sick leave credits, up to certain established limits based on service, in the event of retirement, termination or death of certain employees.

The cost of providing benefits under the benefit plans is actuarially determined using the projected unit credit method, which incorporates management's best estimate of future salary levels, retirement ages of employees, health care costs, and other actuarial factors. Changes in actuarial assumptions and experience adjustments give rise to actuarial gains and losses. Actuarial gains and losses on medical, dental and life insurance benefits are recognized in OCI as



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

they arise. Actuarial gains and losses related to rate-regulated activities are subsequently reclassified from OCI to a regulatory balance on the consolidated balance sheets. Actuarial gains and losses on accumulated sick leave credits are recognized in the consolidated statements of income in the period in which they arise.

The measurement date used to determine the present value of the benefit obligation is December 31 of the applicable year. The latest actuarial valuation was performed as at January 1, 2016.

### n) Customer deposits

Security deposits from electricity customers are cash collections to guarantee the payment of electricity bills. This liability includes related interest amounts owed to the customers with a corresponding amount charged to finance costs. Deposits that are refundable upon demand are classified as a current liability.

Security deposits on offers to connect are cash collections from specific customers to guarantee the payment of additional costs relating to expansion projects. This liability includes related interest amounts owed to the customers with a corresponding amount charged to finance costs. Deposits are classified as a current liability when the Corporation no longer has an unconditional right to defer payment of the liability for at least 12 months after the reporting period.

## o) Income taxes

Under the Electricity Act, the Corporation is required to make PILs to the Ontario Electricity Financial Corporation. These payments are calculated in accordance with the ITA and the TA as modified by regulations made under the Electricity Act and related regulations. This effectively results in the Corporation paying income taxes equivalent to what would be imposed under the Federal and Ontario Tax Acts.

The Corporation uses the liability method of accounting for income taxes. Under the liability method, current income taxes payable are recorded based on taxable income. The Corporation recognizes deferred tax assets and liabilities for the future tax consequences of events that have been included in the Consolidated Financial Statements or income tax returns. Deferred tax assets and liabilities are determined based on the difference between the carrying value of assets and liabilities on the consolidated balance sheets and their respective tax basis, using the tax rates enacted or substantively enacted by the consolidated balance sheet date that are in effect for the year in which the differences are expected to reverse. Tax benefits associated with income tax positions taken, or expected to be taken, in a tax return are recorded only when it is probable that they will be realized, and are measured at the best estimate of the tax amount expected to be paid to or recovered from the taxation authorities. Deferred tax assets are reviewed at each reporting date and reduced to the extent that it is no longer probable that the related tax benefits will be realized. The calculation of current and deferred taxes requires management to make certain judgments with respect to changes in tax interpretations, regulations and legislation, and to estimate probable outcomes on the timing and reversal of temporary differences and tax authority audits of income tax.

Rate-regulated accounting requires the recognition of regulatory balances and related deferred tax assets and liabilities for the amount of deferred taxes expected to be refunded to or recovered from customers through future electricity distribution rates. A gross up to reflect the income tax benefits associated with reduced revenues resulting from the realization of deferred tax assets is recorded within regulatory credit balances. Deferred taxes that are not included in the rate-setting process are charged or credited to the consolidated statements of income.

The benefits of the refundable and non-refundable apprenticeship and other ITCs are credited against the related expense in the consolidated statements of income.



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

# p) Use of judgments and estimates

The preparation of the Corporation's Consolidated Financial Statements in accordance with IFRS requires management to make judgments, estimates and assumptions which affect the application of accounting policies, reported assets, liabilities and regulatory balances, and the disclosure of contingent assets and liabilities at the date of the Consolidated Financial Statements, and the reported revenues and expenses for the year. The estimates are based on historical experience, current conditions and various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities as well as for identifying and assessing the accounting treatment with respect to commitments and contingencies. Actual results could differ from those estimates, including changes as a result of future decisions made by the OEB, the IESO, the Ontario Ministry of Energy or the Ontario Ministry of Finance.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to estimates are recognized prospectively. Assumptions and estimates with a significant risk of resulting in a material adjustment within the next financial year are used in the following:

- Note 26[b] Recognition and measurement of regulatory balances;
- Note 26[j] Revenue recognition measurement of unbilled revenue, determination of the CDM incentive;
- Notes 26[f] and 26[g] Determination of useful lives of depreciable assets;
- Notes 26[m] and 14 Measurement of post-employment benefits key actuarial assumptions;
- Notes 26[o] and 21 Recognition of deferred tax assets availability of future taxable income against which
  deductible temporary differences and tax loss carryforwards can be used; and
- Note 25 Recognition and measurement of provisions and contingencies.

## q) Changes in accounting policies

In January 2016, the IASB issued amendments to IAS 7 *Statement of Cash Flows* as part of the IASB's Disclosure Initiative. These amendments require entities to provide disclosures that enable users of financial statements to evaluate changes in liabilities arising from financing activities, including changes from cash flows and non-cash changes. These amendments are effective for annual periods beginning on or after January 1, 2017. The additional disclosures relating to changes in liabilities arising from financing activities are included in note 22 and have no impact to the Corporation's financial position or results of operations.

## r) Future accounting pronouncements

A number of new standards, amendments and interpretations are not yet effective for the year ended December 31, 2017, and have not yet been applied in preparing these Consolidated Financial Statements.

#### Revenue from Contracts with Customers

In May 2014, the IASB issued IFRS 15 *Revenue from Contracts with Customers* ["IFRS 15"], which replaces existing revenue recognition guidance, including IAS 18 *Revenue* and IFRIC 18 *Transfers of Assets from Customers*. IFRS 15 contains a single model that applies to contracts with customers with two methods for recognizing revenue: at a point in time or over time. IFRS 15 is effective for annual periods beginning on or after January 1, 2018.

The Corporation will adopt IFRS 15 on January 1, 2018 using the modified retrospective approach. The Corporation has completed its assessment of the key revenue streams. The majority of the Corporation's revenue (energy sales and



For the years ended December 31, 2017 and 2016 [All tabular amounts in millions of Canadian dollars]

distribution revenue) is generated from electricity distribution at regulated prices. The Corporation concluded that IFRS 15 will not have a material impact on the accounting for these revenue streams. Upon adoption of IFRS 15, there will be a \$167.6 million income statement reclassification between Energy Sales and Energy Purchases for the comparative year ended December 31, 2017 and no impact to opening retained earnings as at January 1, 2018. The Corporation is currently finalizing its assessment on capital contributions. The Corporation has determined that IFRS 15 will also increase its required disclosure on revenue streams.

#### Financial Instruments

In July 2014, the IASB issued the final version of IFRS 9 *Financial Instruments* ["IFRS 9"], which replaces IAS 39 *Financial Instruments: Recognition and Measurement* ["IAS 39"]. IFRS 9 includes revised guidance on the classification and measurement of financial instruments, including a new expected credit loss model for measuring impairment on financial assets, and new general hedge accounting requirements. It also carries forward the guidance on recognition and derecognition of financial instruments from IAS 39. The standard is effective for annual periods beginning on or after January 1, 2018, and will be applied retrospectively with some exceptions. The Corporation has assessed the impact of adopting IFRS 9, and concluded that the new classification under IFRS 9 will not have a material impact on the consolidated financial statements. Management is currently evaluating the impact of adopting the new expected credit loss model for measuring impairment.

#### Leases

In January 2016, the IASB issued IFRS 16 Leases ["IFRS 16"], which replaces IAS 17 Leases ["IAS 17"] and related interpretations. IFRS 16 introduces a single lessee accounting model eliminating the current distinction between finance and operating leases. It requires the recognition of lease-related assets and liabilities on the balance sheet, except for short-term leases and leases of low value underlying assets. In addition, the nature and timing of expenses related to leases will change, as IFRS 16 replaces the straight-line operating leases expense with the depreciation expense for the assets and interest expense on the lease liabilities. Lessor accounting remains substantially unchanged. The standard is effective for annual periods beginning on or after January 1, 2019, and may be applied either retrospectively or using a modified retrospective approach. Early adoption is permitted if IFRS 15 is also adopted.

The Corporation intends to early adopt IFRS 16 on January 1, 2018. The Corporation has completed its assessment of existing operating leases. IFRS 16 will not have a significant impact on the Corporation's consolidated financial statements and the Corporation has assessed the quantitative impact of adopting IFRS 16 to be \$nil in opening retained earnings, and an increase of \$1.6 million in total assets and total liabilities for the right-of-use assets and the lease liabilities, respectively, as at January 1, 2018.