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April 10, 2018

Honourable Siobhan Coady Minister of Natural Resources Government of Newfoundland and Labrador 50 Elizabeth Avenue, 7th Floor P.O. Box 8700 St. John's, NL A1B 4J6

Dear Minister:

Pursuant to Section 33 of the Hydro Corporation Act, 2007, attached are the audited Consolidated Financial Statements of Newfoundland Labrador Hydro (Hydro) for the year ended December 31, 2017.

A detailed account of Hydro's activities during the year ended December 31, 2017 is included in the Nalcor Energy 2017 Business and Financial Report.

Regards,

John Green, Chair Board of Directors

Attachment



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Independent Auditor's Report

To the Lieutenant-Governor in Council, Province of Newfoundland and Labrador

We have audited the accompanying consolidated financial statements of Newfoundland and Labrador Hydro, which comprise the consolidated statement of financial position as at December 31, 2017, and the consolidated statements of profit and comprehensive income, changes in equity and cash flows for the year then ended, and 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.

Auditor's Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audit. We conducted our audit 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 the auditor's 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, the auditor considers 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 financial position of Newfoundland and Labrador Hydro as at December 31, 2017, and its financial performance and its cash flows for the year then ended, in accordance with International Financial Reporting Standards.

Deboite LLP

Chartered Professional Accountants March 8, 2018

NEWFOUNDLAND AND LABRADOR HYDRO CONSOLIDATED STATEMENT OF FINANCIAL POSITION

As at December 31 (millions of Canadian dollars)	Notes	2017	2016
ASSETS			
Current assets			
Cash and cash equivalents	5	38	26
Short-term investments	_	15	-
Trade and other receivables	6	148	119
Inventories	7	106	89
Current portion of sinking funds	11	-	75
Current portion of reserve fund	11	-	5
Prepayments		6	5
Deferred asset	8	31	51
Total current assets		344	370
Non-current assets			
Property, plant and equipment	9	2,554	2,279
Intangible assets	10	7	. 8
Long-term investments	12	34	34
Investment in joint arrangement		1	1
Other long-term assets	11	190	203
Total assets		3,130	2,895
Regulatory deferrals	13	117	164
Total assets and regulatory deferrals		3,247	3,059
LIABILITIES AND EQUITY Current liabilities			
Short-term borrowings	15	369	435
Trade and other payables	14	189	174
Current portion of long-term debt	15	7	143
Current portion of deferred contributions	16	1	1
Derivative liability	24	31	51
Total current liabilities		597	804
Non-current liabilities			
Long-term debt	15	1,482	872
Deferred contributions	16	12	13
Decommissioning liabilities	17	15	16
Employee future benefits	18	109	103
Total liabilities		2,215	1,808
Shareholder's equity	2.2		22
Share capital	20	23	23
Contributed capital	20	150	148
Reserves		12	26
Retained earnings		768	706
Total equity		953	903
Total liabilities and equity	12	3,168	2,711
Regulatory deferrals	13	79	348
Total liabilities, equity and regulatory deferrals		3,247	3,059

Commitments and contingencies (Note 26)

Subsequent event (Note 30)

See accompanying notes

On behalf of the Board:

DIRECTOR

DIRECTOR

NEWFOUNDLAND AND LABRADOR HYDRO CONSOLIDATED STATEMENT OF PROFIT AND COMPREHENSIVE INCOME

For the year ended December 31 (millions of Canadian dollars)	Notes	2017	2016
Energy sales		636	648
Other revenue		29	27
Revenue		665	675
Fuels		226	168
Power purchased		101	99
Operating costs	21	175	173
Transmission rental		20	19
Depreciation and amortization	9,10	96	85
Net finance expense	22	64	70
Other expense	23	6	6
Expenses		688	620
(Loss) profit before regulatory adjustments		(23)	55
Regulatory adjustments	13	(92)	(1)
Profit for the year		69	56
Other comprehensive income			
Total items that may or have been reclassified to profit or loss			
Actuarial (loss) gain on employee future benefits		(3)	3
Net fair value (loss) gain on available-for-sale financial instru	ments	(3)	14
Reclassification adjustments related to:			
Disposals of available-for-sale financial instruments		(8)	(10)
Other comprehensive (loss) income for the year		(14)	7
Total comprehensive income for the year		55	63

See accompanying notes

NEWFOUNDLAND AND LABRADOR HYDRO CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

					Employee		
		Share	Contributed	Fair Value	Benefit	Retained	
(millions of Canadian dollars)	Notes	Capital	Capital	Reserve	Reserve	Earnings	Total
Balance at January 1, 2017		23	148	45	(19)	706	903
Profit for the year		-	-	-	-	69	69
Other comprehensive income							
Net change in fair value of available-for-sale financial instruments	19	-	-	(3)	-	-	(3)
Net change in fair value of financial instruments reclassified to profit or loss	19	-	-	(8)	-	-	(8)
Actuarial loss on employee future benefits	18	-	-	-	(3)	-	(3)
Total comprehensive (loss) income for the year		-	-	(11)	(3)	69	55
Contributed capital	20	-	3	-	-	-	3
Regulatory adjustment	20	-	(1)	-	-	-	(1)
Dividends	20	-	-	-	-	(7)	(7)
Balance at December 31, 2017		23	150	34	(22)	768	953
Balance at January 1, 2016		23	133	41	(22)	663	838
Profit for the year		-	-	-	-	56	56
Other comprehensive income							
Net change in fair value of available-for-sale financial instruments	19	-	-	14	-	-	14
Net change in fair value of financial instruments reclassified to profit or loss	19	-	-	(10)	-	-	(10)
Actuarial gain on employee future benefits	18	-	-	-	3	-	3
Total comprehensive income for the year		-	-	4	3	56	63
Contributed capital	20	-	15	-	-	-	15
Dividends	20	-	-	-	-	(13)	(13)
Balance at December 31, 2016		23	148	45	(19)	706	903
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See accompanying notes

NEWFOUNDLAND AND LABRADOR HYDRO CONSOLIDATED STATEMENT OF CASH FLOWS

For the year ended December 31 (millions of Canadian dollars)	Notes	2017	2016
Operating activities			
Profit for the year		69	56
Adjusted for items not involving a cash flow:		05	30
Depreciation - property, plant and equipment	9	94	83
Amortization - intangible assets	10	2	2
Amortization - sinking fund discount		(11)	(13)
Employee future benefits		4	3
Regulatory adjustments	13	(92)	(2)
Other		6	9
		72	138
Changes in non-cash working capital balances	28	(38)	(9)
Net cash provided from operating activities		34	129
Investing activities			
Additions to property, plant and equipment		(385)	(246)
Additions to intangible assets	10	(1)	(2)
Decrease (increase) in sinking funds	11	88	(8)
Increase in long-term investment	12	-	(34)
Increase in short-term investment		(15)	-
Withdrawal from reserve fund	11	15	16
Proceeds on disposal of property, plant and equipment		10	-
Changes in non-cash working capital balances	28	6	28
Net cash used in investing activities		(282)	(246)
Financing activities			
Issuance of long-term debt	15	612	-
Retirement of long-term debt	15	(150)	(225)
Dividends paid to Nalcor Energy	20	(7)	(13)
(Decrease) increase in short-term borrowings	15	(66)	338
Decrease in other long-term assets		1	1
Other		1	2
Rate stabilization plan refund		(131)	
Net cash provided from financing activities		260	103
Net increase (decrease) in cash and cash equivalents		12	(14)
Cash and cash equivalents, beginning of year		26	40
Cash and cash equivalents, end of year		38	26
Interest received		24	3
Interest paid		91	86
		32	

See accompanying notes

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

1. DESCRIPTION OF BUSINESS

Newfoundland and Labrador Hydro (Hydro or the Company) is incorporated under a special act of the Legislature of the Province of Newfoundland and Labrador (the Province). The principal activity of Hydro is the generation, transmission and sale of electricity. Hydro's operations include both regulated and non-regulated activities. Hydro is a 100% owned subsidiary of Nalcor Energy (Nalcor). Hydro's head office is located at 500 Columbus Drive in St. John's, Newfoundland and Labrador A1B 0C9, Canada.

Hydro holds interests in the following entities:

A 65.8% interest in Churchill Falls (Labrador) Corporation Limited (Churchill Falls). Churchill Falls is incorporated under the laws of Canada and owns and operates a hydroelectric generating plant and related transmission facilities situated in Labrador which has a rated capacity of 5,428 megawatts (MW).

A 51% interest in Lower Churchill Development Corporation (LCDC), an inactive subsidiary. LCDC is incorporated under the laws of Newfoundland and Labrador and was established with the objective of developing all or part of the hydroelectric potential of the Lower Churchill River.

2. SIGNIFICANT ACCOUNTING POLICIES

2.1 Statement of Compliance and Basis of Measurement

These annual audited consolidated financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS), as issued by the International Accounting Standards Board (IASB). Hydro has adopted accounting policies which are based on the IFRS applicable as at December 31, 2017, and includes individual IFRS, International Accounting Standards (IAS), and interpretations made by the IFRS Interpretations Committee and the Standing Interpretations Committee.

These annual audited consolidated financial statements have been prepared on a historical cost basis, except for financial instruments at fair value through profit or loss (FVTPL) and available-for-sale (AFS) financial assets which have been measured at fair value. The annual audited consolidated financial statements are presented in Canadian Dollars (CAD) and all values rounded to the nearest million, except when otherwise noted. The annual audited consolidated financial statements were approved by Hydro's Board of Directors (the Board) on March 2, 2018.

2.2 Basis of Consolidation

The annual audited consolidated financial statements include the financial statements of Hydro, its subsidiary company, LCDC, and its share of investments in a joint operation and a joint venture. Intercompany transactions and balances have been eliminated upon consolidation.

Effective June 18, 1999, Hydro, Churchill Falls, and Hydro-Québec entered into a Shareholders' Agreement (the Shareholders' Agreement) which provided, among other matters, that certain of the strategic operating, financing and investing policies of Churchill Falls be subject to approval jointly by representatives of Hydro and Hydro-Québec on the Board of Directors of Churchill Falls. Although Hydro holds a 65.8% ownership interest, the agreement changed the nature of the relationship between Hydro and Hydro-Québec, with respect to Churchill Falls, from that of majority and minority shareholders, respectively, to that of a joint operation. Accordingly, Hydro has recognized its share of assets, liabilities and profit or loss in relation to its interest in Churchill Falls subsequent to the effective date of the Shareholders' Agreement.

Churchill Falls holds 33.33% of the equity share capital of Twin Falls Power Corporation Limited (Twin Falls). This investment is accounted for using the equity method.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

2.3 Cash and Cash Equivalents and Short-Term Investments

Cash and cash equivalents consist of amounts on deposit with a Schedule 1 Canadian Chartered bank, as well as highly liquid investments with maturities of three months or less. Investments with maturities greater than three months and less than twelve months are classified as short-term investments. Cash and cash equivalents are measured at cost, which approximates fair value, while short-term investments are measured at fair value.

2.4 Trade and Other Receivables

Trade and other receivables are classified as loans and receivables and are measured at amortized cost using the effective interest method.

2.5 Inventories

Inventories are carried at the lower of cost and net realizable value. Cost is determined on a weighted average basis and includes expenditures incurred in acquiring the inventories and bringing them to their existing condition and location. Net realizable value represents the estimated selling price for inventories less all estimated costs of completion and costs necessary to make the sale.

2.6 Property, Plant and Equipment

Items of property, plant and equipment are recognized using the cost model and thus are recorded at cost less accumulated depreciation and accumulated impairment losses. Cost includes materials, labour, contracted services, professional fees and, for qualifying assets, borrowing costs capitalized in accordance with Hydro's accounting policy outlined in Note 2.8. Costs capitalized with the related asset include all those costs directly attributable to bringing the asset into operation. When significant parts of property, plant and equipment are required to be replaced at intervals, Hydro recognizes such parts as individual assets with specific useful lives and depreciation, respectively. Likewise, when a major inspection is performed, its cost is recognized in the carrying amount of the plant and equipment as a replacement if the recognition criteria are satisfied. All other repairs and maintenance costs are recognized in profit or loss as incurred. Property, plant and equipment is not revalued for financial reporting purposes. Depreciation of these assets commences when the assets are ready for their intended use.

Hydro

Depreciation is calculated on a straight-line basis over the estimated useful lives of the assets as follows:

Generation plant

Hydroelectric 45 to 100 years
Thermal 35 to 65 years
Diesel 25 to 55 years

Transmission

Lines 30 to 65 years
Terminal stations 40 to 55 years
Distribution system 30 to 55 years
Other assets 5 to 55 years

Hydroelectric generation plant includes the powerhouse, turbines, governors and generators, as well as water conveying and control structures, including dams, dikes, tailraces, penstocks and intake structures. Thermal generation plant is comprised of the powerhouse, turbines and generators, boilers, oil storage tanks, stacks, and auxiliary systems. Diesel generation plant includes the buildings, engines, generators, switchgear, fuel storage and transfer systems, dikes and liners and cooling systems.

Transmission lines include the support structures, foundations and insulators associated with lines at voltages of 230, 138 and 69 kilovolt (kV). Terminal station assets are used to step up voltages of electricity and to step down voltages for distribution. Distribution system assets include poles, transformers, insulators, and conductors. Other assets include telecontrol, buildings, vehicles, furniture, tools and equipment.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

Churchill Falls

Depreciation is calculated on a straight-line basis over the estimated useful lives of the assets as follows:

Hydroelectric generation plant 25 to 100 years
Transmission and terminals 30 to 65 years
Service facilities and other 5 to 45 years

Hydro and Churchill Falls assets' residual values, useful lives and method of depreciation are reviewed at each financial year end and adjusted prospectively, if appropriate. The carrying value of property, plant and equipment is reviewed for impairment whenever events indicate that the carrying amounts of those assets may not be recoverable.

2.7 Intangible Assets

Intangible assets that are expected to generate future economic benefit and are measurable, including computer software costs, costs of technical services and studies are capitalized as intangible assets in accordance with IAS 38.

Intangible assets with finite useful lives are carried at cost less accumulated amortization and accumulated impairment losses. The estimated useful life and amortization method are reviewed at the end of each year with the effect of any changes in estimate being accounted for on a prospective basis. Intangible assets with indefinite useful lives are carried at cost less accumulated impairment losses.

Amortization is calculated on a straight-line basis over the estimated useful lives of the assets as follows:

Feasibility studies 5 to 20 years Computer software 7 to 10 years

2.8 Borrowing Costs

Borrowing costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale. Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs eligible for capitalization. All other borrowing costs are recognized in profit or loss in the period in which they are incurred.

2.9 Impairment of Non-Financial Assets

At the end of each reporting period, Hydro reviews the carrying amounts of its non-financial assets, to determine whether there is any indication that those assets may be impaired. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss, if any.

Where it is not possible to estimate the recoverable amount of an individual asset, Hydro estimates the recoverable amount of the cash generating unit (CGU) to which the asset belongs. Where a reasonable and consistent basis of allocation can be identified, corporate assets are also allocated to individual CGUs, or otherwise they are allocated to the smallest group of CGUs for which a reasonable and consistent allocation basis can be identified. The recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted. Value in use is generally computed by reference to the present value of future cash flows expected to be derived from non-financial assets.

If the recoverable amount of an asset or CGU is estimated to be less than its carrying amount, the carrying amount of the asset or CGU is reduced to its recoverable amount. An impairment loss is recognized immediately in profit or loss.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

2.10 Investment in Joint Arrangement

A joint arrangement is an arrangement in which two or more parties have joint control. Control exists when Hydro has the power, directly or indirectly, to govern the financial and operating policies of another entity, so as to obtain benefits from its activities. A joint arrangement is either classified as a joint operation or a joint venture based on the rights of the parties involved.

Hydro accounts for its investment in Churchill Falls by recognizing its share of assets, liabilities and profit or loss in relation to its interest in the joint operation.

Churchill Falls, holds 33.33% of the equity share capital of Twin Falls and is a party with other shareholders in a participation agreement which gives Churchill Falls joint control of Twin Falls. This investment is accounted for using the equity method. Under the equity method, the interest in the joint venture is carried in the Statement of Financial Position at cost plus post acquisition changes in Churchill Falls' share of net assets of the joint venture. The Statement of Profit and Comprehensive Income reflects the share of the profit or loss of the joint venture.

2.11 Employee Future Benefits

(i) Pension Plan

Employees participate in the Province's Public Service Pension Plan, a multi-employer defined benefit plan. Contributions by Hydro to this plan are recognized as an expense when employees have rendered service entitling them to the contributions. Liabilities associated with this plan are held with the Province.

(ii) Other Benefits

Hydro provides group life insurance and health care benefits on a cost-shared basis to retired employees, in addition to a retirement allowance upon retirement.

The cost of providing these benefits is determined using the projected unit credit method, with actuarial valuations being completed on an annual basis based on service and Management's best estimate of salary escalation, retirement ages of employees and expected health care costs.

Actuarial gains and losses on Hydro's defined benefit obligation are recognized in reserves in the period in which they occur. Past service costs are recognized in operating costs as incurred. Pursuant to Order No. P.U. 36 (2015), Hydro recognizes the amortization of employee future benefit actuarial gains and losses in profit or loss as a regulatory adjustment.

The retirement benefit obligation recognized in the Statement of Financial Position represents the present value of the defined benefit obligation.

2.12 Provisions

A provision is a liability of uncertain timing or amount. A provision is recognized if Hydro has a present legal obligation or constructive obligation as a result of past events, it is probable that an outflow of resources will be required to settle the obligation and the amount can be reliably estimated. Provisions are not recognized for future operating losses. The provision is measured at the present value of the best estimate of the expenditures expected to be required to settle the obligation using a discount rate that reflects the current market assessments of the time value of money and the risks specific to the obligation. Provisions are re-measured at each Consolidated Statement of Financial Position date using the current discount rate.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

2.13 Decommissioning, Restoration and Environmental Liabilities

Legal and constructive obligations associated with the retirement of property, plant and equipment are recorded as liabilities when those obligations are incurred and are measured as the present value of the expected costs to settle the liability, discounted at a rate specific to the liability. The liability is accreted up to the date the liability will be incurred with a corresponding charge to net finance (income) expense. The carrying amount of decommissioning, restoration and environmental liabilities is reviewed annually with changes in the estimates of timing or amount of cash flows added to or deducted from the cost of the related asset or expensed in profit or loss if the liability is short-term in nature.

2.14 Revenue Recognition

Revenue from the sale of energy is recognized when Hydro has transferred the significant risks and rewards of ownership to the buyer, recovery of the consideration is probable and the amount of revenue can be reliably measured. Sales within the Province are primarily at rates approved by the Newfoundland and Labrador Board of Commissioners of Public Utilities (PUB), whereas export sales and sales to certain major industrial customers are either at rates under the terms of the applicable contracts, or at market rates.

Churchill Falls provides energy to two primary customers: Hydro-Québec and Hydro.

A power contract with Hydro-Québec dated May 12, 1969 (the Power Contract) provided for the sale of a significant amount of the energy from Churchill Falls. The Power Contract had a 40-year term that expired August 31, 2016, and was followed by a Renewed Power Contract with Hydro-Québec for an additional 25 years beginning September 1, 2016. The rate during the term of the Renewed Power Contract is 2.0 mills per kWh.

Churchill Falls also recognizes revenue from Hydro-Québec under a Guaranteed Winter Availability Contract (GWAC) through 2041. The GWAC was signed with Hydro-Québec in 1998 and provides for the sale of 682 MW of guaranteed seasonal availability to Hydro-Québec during the months of November through March in each year until 2041.

Under the Power Contract and Renewed Power Contract, Churchill Falls has the right to recall 300 MW (Recall Power). All of the Recall Power is sold by Churchill Falls to Hydro. Churchill Falls also sells an additional 225 MW to Hydro.

2.15 Leasing

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

Lessor accounting

Amounts due from lessees under finance leases are recognized as receivables at the amount of Hydro's net investment in the leases. Finance lease income is allocated to accounting periods so as to reflect a constant periodic rate of return on Hydro's net investment outstanding in respect of the leases.

Rental income from operating leases is recognized on a straight-line basis over the term of the relevant lease. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognized on a straight-line basis over the lease term.

Lessee accounting

Assets held under finance leases are initially recognized as assets of Hydro at their fair value at the inception of the lease or, if lower, at the present value of the minimum lease payments. The corresponding liability to the lessor is included in the Consolidated Statement of Financial Position as a finance lease obligation.

Lease payments are apportioned between finance expenses and reduction of the lease obligation so as to achieve a constant rate of interest on the remaining balance of the liability. Finance expenses are recognized immediately in profit or loss, unless they are directly attributable to qualifying assets, in which case they are capitalized in accordance with Hydro's general policy on borrowing costs (Note 2.8). Contingent rental costs are recognized as operating costs in the periods in which they are incurred.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

Operating lease payments are recognized as an expense on a straight-line basis over the lease term, except where another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed. Contingent rentals arising under operating leases are recognized as an expense in the period in which they are incurred.

In the event that lease incentives are received to enter into operating leases, such incentives are recognized as a liability. The aggregate benefit of incentives is recognized as a reduction of rental expense on a straight-line basis, except where another systematic basis is more representative of the time pattern in which economic benefits from the leased asset are consumed.

2.16 Net Finance (Income) Expense

For all financial instruments measured at amortized cost and interest bearing financial assets classified as AFS, interest income or expense is recorded using the effective interest rate method.

2.17 Foreign Currencies

Transactions in currencies other than Hydro's functional currency (foreign currencies) are recognized using the exchange rate in effect at the date of transaction, approximated by the prior month end close rate. At the end of each reporting period, monetary items denominated in foreign currencies are translated at the rates of exchange in effect at the period end date. Foreign exchange gains and losses not included in regulatory deferrals are recorded in profit or loss as other (income) expense.

2.18 Income Taxes

Hydro is exempt from paying income taxes under Section 149(1) (d.2) of the Income Tax Act.

2.19 Financial Instruments

Financial assets and financial liabilities are recognized in the Consolidated Statement of Financial Position when Hydro becomes a party to the contractual provisions of the instrument and are initially measured at fair value. Subsequent measurement is based on classification. Financial instruments are classified into the following specified categories: financial assets at FVTPL, AFS financial assets, loans and receivables, held-to-maturity investments, financial liabilities at FVTPL, financial instruments used for hedging and other financial liabilities. The classification depends on the nature and purpose of the financial instruments and is determined at the time of initial recognition.

Classification of Financial Instruments

Hydro has classified each of its financial instruments into the following categories: financial assets at FVTPL, loans and receivables, held-to-maturity investments, AFS financial assets, financial instruments used for hedging and other financial liabilities.

Financial Instrument

Cash and cash equivalents Short-term investments Trade and other receivables Derivative instruments

Reserve fund

Sinking funds – investments in same Hydro issue

Sinking funds – other investments

Long-term receivables Long-term investments Trade and other payables Short-term borrowings Long-term debt Category

Loans and receivables (L&R)

AFS financial assets Loans and receivables

At FVTPL and financial instruments used for hedging

AFS financial assets

Held-to-maturity investments (HTM)

AFS financial assets Loans and receivables AFS financial assets

Other financial liabilities (OFL)
Other financial liabilities
Other financial liabilities

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(i) Effective Interest Method

The effective interest method is a method of calculating the amortized cost of a financial instrument and allocating interest income or expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash receipts or payments (including all fees on points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the financial instrument, or, where appropriate, a shorter period to the net carrying amount on initial recognition.

Income or expense is recognized on an effective interest basis for financial instruments other than those financial assets and liabilities classified at FVTPL.

Financial Assets

(ii) Financial Assets at FVTPL

Financial assets are classified as at FVTPL when the financial asset is either held for trading or it is designated as at FVTPL.

A financial asset is classified as held for trading if:

- it has been acquired principally for the purpose of selling it in the near term; or
- on initial recognition it is part of a portfolio of identified financial instruments that Hydro manages together and has a recent actual pattern of short-term profit-taking; or
- it is a derivative that is not designated and effective as a hedging instrument.

A financial asset other than a financial asset held for trading may be designated as at FVTPL upon initial recognition if:

- such designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise; or
- the financial asset forms part of a group of financial assets or financial liabilities or both, which is managed and its performance is evaluated on a fair value basis, in accordance with Hydro's documented risk management or investment strategy, and information about the grouping is provided internally on that basis; or
- it forms part of a contract containing one or more embedded derivatives, and IAS 39 Financial Instruments: Recognition and Measurement permits the entire combined contract (asset or liability) to be designated as at FVTPL.

Financial assets at FVTPL are stated at fair value, with any gains or losses arising on re-measurement recognized in other (income) expense. The net gain or loss incorporates any dividends or interest earned.

(iii) Loans and Receivables

Trade receivables, loans and other receivables with fixed or determinable payments that are not quoted in an active market are classified as loans and receivables. Loans and receivables are measured at amortized cost using the effective interest method, less any impairment. Interest income is recognized by applying the effective interest rate, except for short-term receivables when the recognition of interest would be immaterial.

(iv) Held-to-Maturity Investments

Non-derivative financial assets with fixed or determinable payments and fixed maturity dates that Hydro has the positive intent and ability to hold to maturity are classified as held-to-maturity investments. Held-to-maturity investments are measured at amortized cost using the effective interest method less any impairment, with revenue recognized on an effective yield basis.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(v) AFS Financial Assets

AFS financial assets are non-derivative financial assets that are designated as available-for-sale or are not classified in any of the previous categories. Gains and losses arising from changes in fair value are recognized in other comprehensive income and accumulated in the fair value reserve with the exception of impairment losses, interest calculated using the effective interest method, and foreign exchange gains and losses on monetary assets, which are recognized in profit or loss. Where the investment is disposed of or is determined to be impaired, the cumulative gain or loss previously accumulated in the fair value reserve is reclassified to profit or loss.

Financial Liabilities and Equity Instruments

(vi) Classification as Debt or Equity

Debt and equity instruments are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangement and the definitions of a financial liability and equity instrument.

(vii) Financial Liabilities at FVTPL

A financial liability may be classified as at FVTPL if the contracted liability contains one or more embedded derivatives, and if the embedded derivative significantly modified the cash flows or if the embedded derivative is not closely related to the host liability. Financial liabilities at FVTPL are stated at fair value, with any gains or losses arising from re-measurement recognized in profit or loss.

(viii) Other Financial Liabilities

Other financial liabilities, including borrowings, are initially measured at fair value, net of transaction costs. Other financial liabilities are subsequently measured at amortized cost using the effective interest method, with interest expense recognized on an effective yield basis.

(ix) Derivative Instruments and Financial Instruments Used for Hedging

Derivative instruments are utilized by Hydro to manage market risk. Hydro's policy is not to utilize derivative instruments for speculative purposes. Derivatives are initially measured at fair value at the date the derivative contracts are entered into and are subsequently measured at their fair value at the end of each reporting period. The resulting gain or loss is recognized in profit or loss immediately unless the derivative is designated and effective as a hedging relationship.

2.20 Derecognition of Financial Instruments

Hydro derecognizes a financial asset only when the contractual rights to the cash flows from the asset expire, or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another entity. If Hydro neither transfers nor retains substantially all the risks and rewards of ownership and continues to control the transferred asset, its retained interest in the asset and any associated liability for amounts it may have to pay is recognized. If Hydro retains substantially all the risks and rewards of ownership of a transferred financial asset, it continues to recognize the financial asset and also recognizes the collateralized borrowing for the proceeds received. Hydro derecognizes financial liabilities when, and only when, its obligations are discharged, cancelled or they expire.

2.21 Impairment of Financial Assets

Financial assets are assessed for indicators of impairment at the end of each reporting period. Financial assets are impaired where there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of the asset have been affected.

Evidence of impairment could include:

- significant financial difficulty of the issuer or counterparty;
- default or delinquency in interest or principal payments; or,
- the borrower, more probable than not, entering into bankruptcy or financial re-organization.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

For certain categories of financial assets, such as trade receivables, assets that are assessed not to be impaired individually are, in addition, assessed for impairment on a collective basis. Objective evidence of impairment for a portfolio of receivables could include Hydro's past experience of collecting payments, an increase in the number of delayed payments in the portfolio past the average credit period, as well as observable changes in national or local economic conditions that correlate with defaults on receivables.

For financial assets carried at amortized cost, the amount of the impairment is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the financial asset's original effective interest rate.

The carrying amount of the financial asset is reduced by the impairment loss directly for all financial assets with the exception of trade receivables, where the carrying amount is reduced through the use of an allowance account. When a trade receivable is considered uncollectible, it is written off against the allowance account. Subsequent recoveries of amounts previously written off are credited to the allowance account. Changes in the carrying amount of the allowance account are recognized in profit or loss.

When an AFS financial asset is considered to be impaired, cumulative gains or losses previously recognized in other comprehensive income are reclassified to profit or loss in the period.

If, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognized, the previously recognized impairment loss is reversed through profit or loss to the extent that the carrying amount of the investment at the date the impairment is reversed does not exceed what the amortized cost would have been had the impairment not been recognized.

2.22 Government Grants

Government grants are recognized when there is reasonable assurance that Hydro will comply with the associated conditions and that the grants will be received.

Government grants are recognized in profit or loss on a systematic basis over the periods in which Hydro recognizes as expenses the related costs for which the grants are intended to compensate. Specifically, government grants whose primary condition is that Hydro should purchase, construct or otherwise acquire non-current assets are recognized as deferred revenue in the Statement of Financial Position and transferred to profit or loss on a systematic and rational basis over the useful lives of the related assets.

Government grants that are receivable as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to Hydro with no future related costs are recognized in profit or loss in the period in which they become receivable.

2.23 Regulatory Deferrals

Hydro's revenues from its electrical sales to most customers within the Province are subject to rate regulation by the PUB. Hydro's borrowing and capital expenditure programs are also subject to review and approval by the PUB. Rates are set through periodic general rate applications utilizing a cost of service methodology. Hydro's allowed rate of return based upon Board Order No. P.U. 49 (2016) is 6.6% in 2017 and 6.6% in 2016 +/- 20 basis points. Hydro applies various accounting policies that differ from enterprises that do not operate in a rate regulated environment. Generally, these policies result in the deferral and amortization of costs or credits which are expected to be recovered or refunded in future rates. In the absence of rate regulation, these amounts would be included in the determination of profit or loss in the year the amounts are incurred. The effects of rate regulation on the annual audited consolidated financial statements are disclosed in Note 13.

3. SIGNIFICANT ACCOUNTING JUDGMENTS, ESTIMATES AND ASSUMPTIONS

The preparation of the annual audited consolidated financial statements in conformity with IFRS requires Management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, revenues and expenses. Actual results may differ materially from these estimates, including changes as a result of future decisions made by the PUB. The estimates and underlying assumptions are reviewed on an on-going basis. Revisions to accounting estimates are recognized in the period in which the estimate is reviewed if the revision affects only that period or future periods.

3.1 Use of Judgments

(i) Property, Plant and Equipment

Hydro's accounting policy relating to property, plant and equipment is described in Note 2.6. In applying this policy, judgment is used in determining whether certain costs are additions to the carrying amount of the property, plant and equipment as opposed to repairs and maintenance. If an asset has been developed, judgment is required to identify the point at which the asset is capable of being used as intended and to identify the directly attributable borrowing costs to be included in the carrying value of the development asset. Judgment is also used in determining the appropriate componentization structure for Hydro's property, plant and equipment.

(ii) Revenue

Management exercises judgment in estimating the value of electricity consumed by retail customers in the period, but billed subsequent to the end of the reporting period. Specifically, this involves an estimate of consumption for each retail customer, based on the customer's past consumption history.

When recognizing deferrals and related amortization of costs or credits in Hydro Regulated, Management assumes that such costs or credits will be recovered or refunded through customer rates in future years. Recovery of some of these deferrals is subject to a future PUB order. As such, there is a risk that some or all of the regulatory deferrals will not be approved by the PUB which could have a material impact on Hydro Regulated's profit or loss in the year the order is received.

(iii) Determination of CGUs

Hydro's accounting policy relating to impairment of non-financial assets is described in Note 2.9. In applying this policy, Hydro groups assets into the smallest identifiable group for which cash flows are largely independent of the cash flows from other assets or groups of assets. Judgment is used in determining the level at which cash flows are largely independent of other assets or groups of assets.

(iv) Discount Rates

Certain of Hydro's financial liabilities are discounted using discount rates that are subject to Management's judgment.

(v) Consolidation of Joint Arrangements

Management exercises judgment when applying the criteria outlined in IFRS 11 to determine whether joint arrangements constitute joint ventures or joint operations. Management has determined that its interest in Churchill Falls is considered a joint operation and its interest in Twin Falls is considered a joint venture.

3.2 Use of Estimates

(i) Property, Plant and Equipment

Amounts recorded for depreciation are based on the useful lives of Hydro's assets. The useful lives of property, plant and equipment are determined by independent specialists and reviewed annually by Hydro. These useful lives are Management's best estimate of the service lives of these assets. Changes to these lives could materially affect the amount of depreciation recorded.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(ii) Intangible Assets

Amounts recorded for amortization are based on the useful lives of Hydro's assets. These useful lives are Management's best estimate of the service lives of these assets. Changes to these lives would not materially affect the amount of amortization recorded.

(iii) Decommissioning Liabilities

Hydro recognizes a liability for the fair value of the future expenditures required to settle obligations associated with the retirement of property, plant and equipment. Decommissioning liabilities are recorded as a liability at fair value, with a corresponding increase to property, plant and equipment. Accretion of decommissioning liabilities is included in the Consolidated Statement of Profit and Comprehensive Income through net finance (income) expense. Differences between the recorded decommissioning liabilities and the actual decommissioning costs incurred are recorded as a gain or loss in the settlement period.

(iv) Employee Future Benefits

Hydro provides group life insurance and health care benefits on a cost-shared basis to retired employees, in addition to a severance payment upon retirement. The expected cost of providing these other employee benefits is accounted for on an accrual basis, and has been actuarially determined using the projected unit credit method prorated on service, and Management's best estimate of salary escalation, retirement ages of employees and expected health care costs.

(v) Revenue

In the absence of a signed agreement with Hydro-Québec relating to the AEB, Churchill Falls has an agreement with Hydro-Québec to continue to use the 2008 AEB on an interim basis until final judgment is obtained in the Declaratory Judgment case.

3.3 Use of Assumptions

Deferred Assets and Derivative Liabilities

Effective October 1, 2015, Hydro entered into a power purchase agreement (PPA) with Nalcor Energy Marketing Corporation (Nalcor Energy Marketing) which allows for the purchase of available recapture energy from Hydro for resale by Energy Marketing in export markets or through agreements with counterparties. Additionally, the PPA allows for the use of Hydro's transmission service rights by Nalcor Energy Marketing to deliver electricity, through rights which are provided to Hydro pursuant to a Transmission Service Agreement with Hydro-Québec dated April 1, 2009. In September 2016, the terms of the PPA were amended to require a 60 day termination notice by either party. This replaced the previous termination clause of 90 days prior the end of the operating year. Management's assumption is that the term of the PPA at December 31, 2017, will continue for at least the next 12 months.

Fair values relating to Hydro's financial instruments and derivatives that have been classified as Level 3 have been determined using inputs for the assets or liabilities that are not readily observable. Certain of these fair values are classified as Level 3 as the transactions do not occur in an active market, or the terms extend beyond the period for which a quoted price is available.

Hydro's PPA with Energy Marketing is accounted for as a derivative instrument, where Hydro determines that the fair value at initial recognition differs from the transaction price and the fair value is evidenced neither by a quoted price in an active market for an identical asset or liability, nor based on a valuation technique that uses only data from observable markets. These derivative transactions are initially measured at fair value and the expected difference is deferred. Subsequently, the deferred difference is recognized in other comprehensive income (loss) on an appropriate basis over the life of the related derivative instrument but not later than when the valuation is wholly supported by observable market data or the transaction is completed.

Hydro has elected to defer the difference between the fair value of the power purchase derivative liability upon initial recognition and the transaction price of the power purchase derivative liability and to amortize the deferred asset on a straight-line basis over its effective term (Note 8). These methods, when compared with alternatives, were determined by Management to more accurately reflect the nature and substance of the transactions.

NEWFOUNDLAND AND LABRADOR HYDRO NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

4. FUTURE CHANGES IN ACCOUNTING POLICIES

The following new and revised IFRSs became effective for the accounting period commencing on January 1, 2017 and did not have a material impact on Hydro's annual audited consolidated financial statements.

IAS 7 – Disclosure Initiative became effective for the accounting period commencing January 1, 2017 and did not have a material impact on Hydro's annual audited non-consolidated financial statements.

The amendments require an entity to provide disclosures that enable users of financial statements to evaluate changes in liabilities arising from financing activities, including both changes arising from cash flows and non-cash changes. The amendments do not prescribe a specific format to disclose financing activities; however, an entity may fulfil the disclosure objective by providing a reconciliation between the opening and closing balances in the Statement of Financial Position for liabilities arising from financing activities.

The following is a list of standards/interpretations that have been issued and are effective for accounting periods commencing on January 1, 2018 or January 1, 2019, as specified.

- IFRS 9 Financial Instruments¹
- IFRS 15 Revenue from Contracts with Customers¹
- IFRIC 22 Foreign Currency Transactions and Advance Consideration¹
- IFRS 16 Leases²

4.1 IFRS 9 - Financial Instruments

In July 2014, the IASB finalized the reform of financial instruments accounting and issued IFRS 9 (as revised in 2014), which contains the requirements for a) the classification and measurement of financial assets and financial liabilities, b) impairment methodology, and c) general hedge accounting. IFRS 9 (as revised in 2014) will supersede IAS 39 - Financial Instruments: Recognition and Measurement upon its effective date.

Phase 1: Classification and measurement of financial assets and financial liabilities

With respect to classification and measurement, the number of categories of financial assets under IFRS 9 has been reduced; all recognized financial assets that are currently within the scope of IAS 39 will be subsequently measured at either amortized cost or fair value under IFRS 9.

IFRS 9 also contains requirements for the classification and measurement of financial liabilities and derecognition requirements. One major change from IAS 39 relates to the presentation of changes in the fair value of a financial liability designated as at FVTPL attributable to changes in the credit risk of that liability. Under IFRS 9, such changes are presented in other comprehensive income, unless the presentation of the effect of the change in the liability's credit risk in other comprehensive income would create or enlarge an accounting mismatch in profit or loss.

Phase 2: Impairment of financial assets

The impairment model under IFRS 9 reflects expected credit losses, as opposed to incurred credit losses under IAS 39. Under the impairment approach in IFRS 9, it is no longer necessary for a credit event to have occurred before credit losses are recognized. Instead, an entity always accounts for expected credit losses and changes in those expected credit losses. The amount of expected credit losses should be updated at each reporting date to reflect changes in credit risk since initial recognition.

¹Effective for annual periods beginning on or after January 1, 2018, with earlier application permitted.

²Effective for annual periods beginning on or after January 1, 2019, with earlier application permitted.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

Phase 3: Hedge accounting

The general hedge accounting requirements of IFRS 9 retain the three types of hedge accounting mechanisms in IAS 39. However, greater flexibility has been introduced to the types of transactions eligible for hedge accounting. In addition, the effectiveness test has been overhauled and replaced with the principle of an 'economic relationship'. Retrospective assessment of hedge effectiveness is no longer required. Far more disclosure requirements about an entity's risk management activities have been introduced.

Transitional provisions

IFRS 9 (as revised in 2014) is effective for annual periods beginning on or after January 1, 2018 with earlier application permitted. Management has elected to adopt the standard as of the effective date. The classifications of existing financial instruments and related disclosures will change and there may be material adjustments to the amounts reported in Hydro's annual audited Consolidated financial statements.

4.2 IFRS 15 – Revenue from Contracts with Customers

IFRS 15 establishes a single comprehensive model for entities to use in accounting for revenue arising from contracts with customers. It will supersede the following revenue standards and interpretations upon its effective date:

- IAS 18 Revenue;
- IAS 11 Construction Contracts;
- IFRIC 13 Customer Loyalty Programs;
- IFRIC 15 Agreements for the Construction of Real Estate;
- IFRIC 18 Transfers of Assets from Customers; and
- SIC 31 Revenue-Barter Transactions Involving Advertising Services

As suggested by the title of the new revenue standard, IFRS 15 will only cover revenue arising from contracts with customers. Under IFRS 15, a customer of an entity is a party that has contracted with the entity to obtain goods or services that are an output of the entity's ordinary activities in exchange for consideration. Unlike the scope of IAS 18, the recognition and measurement of interest income and dividend income from debt and equity investments are no longer within the scope of IFRS 15. Instead, they are within the scope of IAS 39.

As mentioned above, the new standard has a single model to deal with revenue from contracts with customers. Its core principle is that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services.

Specifically, the standard introduces a five-step approach to revenue recognition:

- Step 1: Identify the contract(s) with a customer.
- Step 2: Identify the performance obligations in the contract.
- Step 3: Determine the transaction price.
- Step 4: Allocate the transaction price to the performance obligations in the contract.
- Step 5: Recognize revenue when (or as) the entity satisfies a performance obligation.

Extensive disclosures are also required by the new standard.

IFRS 15, together with clarifications thereto issued in April 2016, is effective for reporting periods beginning on or after January 1, 2018 with earlier application permitted. Management has elected to adopt the standard as of the effective date. The related disclosures will change, and although Management does not expect an impact on profit or loss, there will be material adjustments in the presentation of note disclosures reported in Hydro's annual audited Consolidated financial statements.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

4.3 IFRIC 22 Foreign Currency Transactions and Advance Consideration

IFRIC 22 addresses how to determine the 'date of transaction' for the purpose of determining the exchange rate to use on initial recognition of an asset, expense or income, when consideration for that item has been paid or received in advance in a foreign currency which resulted in the recognition of a non-monetary asset of non-monetary liability (for example, a non-refundable deposit or deferred revenue).

The Interpretation is effective for annual periods beginning on or after January 1, 2018 with earlier application permitted. Entities can apply the Interpretation either retrospectively or prospectively. Specific transition provisions apply to prospective application. Management does not anticipate that the application of these amendments to IFRIC 22 will have a material impact on Hydro's annual audited consolidated financial statements.

4.4 IFRS 16 - Leases

IFRS 16 provides a comprehensive model for the identification of lease arrangements and their treatment in the financial statements of both lessees and lessors. It will supersede the following lease standard and interpretations upon its effective date:

- IAS 17 Leases;
- IFRIC 4 Determining Whether an Arrangement contains a Lease;
- SIC-15 Operating Leases Incentives; and
- SIC-27 Evaluating the Substance of Transactions Involving the Legal Form of a Lease.

IFRS 16 applies a control model to the identification of leases, distinguishing between leases and service contracts on the basis of whether there is an identified asset controlled by the customer.

The standard introduces significant changes to lessee accounting: it removes the distinction between operating and finance leases under IAS 17 and requires a lessee to recognize a right-of-use asset and a lease liability at lease commencement for all leases, except for short-term leases and leases of low value assets.

In contrast to lessee accounting, the IFRS 16 lessor accounting requirements remain largely unchanged from IAS 17, which continue to require a lessor to classify a lease as either an operating lease or a finance lease.

IFRS 16 is effective for reporting periods beginning on or after January 1, 2019 with early application permitted for entities that apply IFRS 15 at or before the date of initial application of IFRS 16. A lessee can apply IFRS 16 either by a full retrospective approach or a modified retrospective approach. If the latter approach is selected, an entity is not required to restate the comparative information and the cumulative effect of initially applying IFRS 16 must be presented as an adjustment to opening retained earnings. Management anticipates that the application of IFRS 16 in the future may have a material impact on the amounts reported and disclosures made in Hydro's annual audited non-consolidated financial statements. However, it is not practicable to provide a reasonable estimate of the effect of IFRS 16 until Management performs a detailed review.

5. CASH AND CASH EQUIVALENTS

As at December 31 (millions of Canadian dollars)	2017	2016
Cash	38	13
Cash equivalents	-	13
	38	26

The effective interest rate on cash equivalents at December 31, 2016 was 0.97%.

6. TRADE AND OTHER RECEIVABLES

As at December 31 (millions of Canadian dollars)	2017	2016
Trade receivables	118	96
Due from related parties	13	15
Other receivables	34	24
Allowance for doubtful accounts	(17)	(16)
	148	119
		_
As at December 31 (millions of Canadian dollars)	2017	2016
0-60 days	134	115
60+ days	14	4
	148	119
As at December 31 (millions of Canadian dollars)	2017	2016
Allowance for doubtful accounts, beginning of year	(16)	(12)
Amounts provided for during the year	(1)	(4)
Allowance for doubtful accounts, end of year	(17)	(16)

7. INVENTORIES

As at December 31 (millions of Canadian dollars)	2017	2016
No. 6 fuel	48	35
Material and other	47	43
Diesel fuel	4	4
Other fuel	4	4
Construction aggregates	3	3
	106	89

The cost of inventories recognized as an expense during the year is \$234.1 million (2016 - \$173.9 million) and is included in operating costs and fuels.

8. DEFERRED ASSET

The deferred asset related to Hydro's PPA with Nalcor Energy Marketing is amortized into income on a straight-line basis over the assumed 12 month term of the contract, which commenced on January 1, 2017. The components of change are as follows:

As at (millions of Canadian dollars)	2017	2016
Deferred asset, beginning of year	51	61
Additions	31	51
Amortization	(51)	(61)
Deferred asset, end of year	31	51

9. PROPERTY, PLANT AND EQUIPMENT

	Generation	Transmission and		Construction	
(millions of Canadian dollars)	Plant	Distribution	Other	in Progress	Total
Cost					
Balance at January 1, 2016	1,701	765	222	59	2,747
Additions	-	-	_	261	261
Disposals	(6)	(3)	(4)	-	(13)
Transfers	94	97	25	(216)	. ,
Other adjustments	(1)	-	-		(1)
Decommissioning liabilities and revisions	(14)	1	-	-	(13)
Balance at December 31, 2016	1,774	860	243	104	2,981
Additions	-	1	-	388	389
Disposals	(3)	(4)	(4)	-	(11)
Transfers	68	334	22	(424)	-
Other adjustments	-	-	(1)	(13)	(14)
Decommissioning liabilities and revisions	(1)	_	-	-	(1)
Balance at December 31, 2017	1,838	1,191	260	55	3,344
5					
Depreciation 4 2016	44.2	420	70		624
Balance at January 1, 2016	413	138	73	-	624
Depreciation	47	23	13	-	83
Disposals	(2)	(1)	(2)	-	(5)
Balance at December 31, 2016	458	160	84	-	702
Depreciation	53	27	14	-	94
Disposals	(2)	(1)	(3)	-	(6)
Balance at December 31, 2017	509	186	95	-	790
Carrying value					
Balance at January 1, 2016	1,288	627	149	59	2,123
Balance at December 31, 2016	1,316	700	159	104	2,279
Balance at December 31, 2017	1,329	1,005	165	55	2,554

10. INTANGIBLE ASSETS

	Computer	Feasibility	Assets Under	
(millions of Canadian dollars)	Software	Studies	Development	Total
Cost				
Balance at January 1, 2016	10	2	-	12
Additions	-	-	2	2
Balance at December 31, 2016	10	2	2	14
Additions	-	-	1	1
Transfers	1	-	(1)	
Balance at December 31, 2017	11	2	2	15
Amortization				
Balance at January 1, 2016	3	1	-	4
Amortization	2	-	-	2
Balance at December 31, 2016	5	1	-	6
Amortization	2	-	-	2
Balance at December 31, 2017	7	1	-	8
Carrying value				
Balance at January 1, 2016	7	1	-	8
Balance at December 31, 2016	5	1	2	8
Balance at December 31, 2017	4	1	2	7

11. OTHER LONG-TERM ASSETS

(millions of Canadian dollars)		2017	2016
Long-term receivables	(a)	-	1
Reserve fund	(b)	-	15
Sinking funds	(c)	190	267
Other long-term assets		190	283
Less: current portion of reserve fund		-	(5)
Less: current portion of sinking funds		-	(75)
		190	203

- (a) The balance of \$0.3 million (2016 \$0.5 million) includes the non-current portion of receivables associated with customer payment plans and the long-term portion of employee purchase programs.
- (b) In 2007, Churchill Falls commenced the creation of a \$75.0 million segregated reserve fund pursuant to the terms of the Shareholders' Agreement to contribute towards the funding of capital expenditures related to Churchill Falls' existing facilities and their replacement. Churchill Falls invested \$17.0 million in each of 2007, 2008 and 2009 and \$8.0 million in each of 2010, 2011 and 2012. In December 2017, \$22.5 million (2016 \$23.4 million) was withdrawn to fund a portion of capital expenditures. Hydro has recorded its 65.8% proportionate share of the amount withdrawn \$14.8 million (2016 \$15.4 million). As per the terms of the Shareholders' Agreement, these funds will be replaced over a five year period beginning in 2018.

This fund must remain in place until the end of the Shareholders' Agreement in 2041. Any amounts removed to fund capital expenditures must be replaced. Reserve fund holdings consist of securities issued by the Government of Canada, various provinces of Canada and Schedule 1 and 2 Canadian Chartered Banks.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

Hydro's proportionate share of the reserve fund consists of the following:

As at December 31 (millions of Canadian dollars)	2017	2016
Reserve fund, beginning of year	15	31
Principal withdrawals	(15)	(15)
Earnings withdrawn	-	(1)
Reserve fund, end of year	-	15
Less: current portion	-	(5)
	-	10

Hydro's proportionate share of reserve fund contributions due for the next five years are as follows:

(millions of Canadian dollars)	2018	2019	2020	2021	2022
Reserve fund contributions	12	12	12	6	6

(c) As at December 31, 2017, sinking funds include \$190.2 million (2016 - \$267.0 million) related to repayment of Hydro's long-term debt. Sinking fund investments consist of bonds, debentures, short-term borrowings and coupons issued by, or guaranteed by, the Government of Canada, provincial governments or Schedule 1 banks, and have maturity dates ranging from 2022 to 2033.

Hydro debentures, which are intended to be held to maturity, are deducted from debt while all other sinking fund investments are shown separately on the Consolidated Statement of Financial Position as assets. Annual contributions to the various sinking funds are in accordance with bond indenture terms, and are structured to ensure the availability of adequate funds at the time of expected bond redemption. Effective yields range from 2.57% to 6.82% (2016 - 0.97% to 9.12%).

The sinking funds consist of the following:

As at December 31 (millions of Canadian dollars)	2017	2016
Sinking funds, beginning of year	267	243
Contributions	7	8
Disposals and maturities	(95)	-
Earnings	22	12
Mark-to-market adjustment	(11)	4
Sinking funds, end of year	190	267
Less: current portion	-	(75)
	190	192

Sinking fund installments due over the next five years are as follows:

(millions of Canadian dollars)	2018	2019	2020	2021	2022
Sinking fund installments	7	7	7	7	7

12. LONG-TERM INVESTMENTS

	Year of		
As at December 31 (millions of Canadian dollars)	Maturity	2017	2016
\$28.0 million Long-Term Redeemable Guaranteed Investment	2019	18	18
Certificate (GIC), with interest paid at 1.40%			
\$23.6 million Long-Term Redeemable GIC, with interest paid at 1.46%	2019	16	16
		34	34

Hydro recorded its 65.8% proportionate share of the \$51.6 million GIC purchased by Churchill Falls in 2016 for a total of \$34.0 million.

13. REGULATORY DEFERRALS

						Remaining Recovery
		January 1	Reclass &	Regulatory	December 31	Settlement
As at December 31 (millions of Canadian dollars)		2017	Disposition	Activity	2017	Period (years)
Regulatory asset deferrals				•		
2014 cost deferral	(a)	39	(38)	(1)	-	n/a
2015 cost deferral	(b)	25	(28)	3	-	n/a
2016 cost deferral	(c)	32	(36)	4	-	n/a
Deferred energy conservation costs	(e)	8	-	1	9	n/a
Deferred foreign exchange on fuel	(f)	-	-	(1)	(1)	n/a
Deferred lease costs	(g)	5	-	(1)	4	3.4
Energy supply deferral	(j)	-	31	21	52	n/a
Foreign exchange losses	(k)	54	-	(2)	52	24.0
Phase Two hearing costs	(q)	1	-	-	1	n/a
Other	(d,m)	-	-	-	-	n/a
		164	(71)	24	117	
Regulatory liability deferrals						
Insurance amortization and proceeds	(n)	(4)	-	1	(3)	n/a
Labrador refund	(o)	-	(1)	-	(1)	2.0
Rate stabilization plan (RSP)	(r)	(344)	203	66	(75)	n/a
_ Other	(h)	-	-	-	-	n/a
		(348)	202	67	(79)	

13.1 Regulatory Adjustments Recorded in the Consolidated Statement of Profit and Comprehensive Income

For the year ended December 31 (millions of Canadian dollars)		2017	2016
RSP amortization		(53)	(40)
RSP fuel deferral		(19)	42
RSP interest		9	25
Rural rate adjustment		(3)	(8)
Total RSP activity	(r)	(66)	19
2014 cost deferral	(a)	1	8
2015 cost deferral	(b)	(3)	2
2016 cost deferral	(c)	(4)	(32)
Amortization of deferred foreign exchange losses	(k)	2	2
Deferred energy conservation	(e)	(1)	(1)
Deferred foreign exchange on fuel	(f)	1	1
Deferred lease costs	(g)	1	1
Energy supply deferral	(j)	(21)	-
Fuel supply deferral	(1)	-	1
Insurance amortization and proceeds	(n)	(1)	(1)
Non-Customer contributions in aid of construction	(p)	(1)	-
Phase Two hearing costs	(q)	-	(1)
Other	(d,h,i,m,o)	-	-
		(92)	(1)

The following section describes Hydro's regulatory assets and liabilities which will be, or are expected to be, reflected in customer rates in future periods and have been established through the rate setting process. In the absence of rate regulation, these amounts would be reflected in operating results in the year and profit or loss for 2017 would have decreased by \$91.9 million (2016 – a decrease of \$0.8 million).

13.(a) 2014 Cost Deferral

In Board Order No. P.U. 22 (2017), the Board approved \$37.7 million of the \$38.7 million 2014 cost deferral, resulting in a loss in 2017 of \$1.0 million (2016 - \$8.0 million loss), and the disposition of the deferral balance from the RSP.

13.(b) 2015 Cost Deferral

In Board Order No. P.U. 22 (2017), the Board approved \$27.7 million of the 2015 cost deferral, resulting in a gain in 2017 of \$3.2 million (2016 - \$1.6 million loss), and the disposition of the deferral balance from the RSP.

13.(c) 2016 Cost Deferral

The 2016 cost deferral of \$32.4 million consisted of energy supply costs of \$31.0 million and other costs of \$1.4 million. As a result of Board Order No. P.U. 22 (2017), \$31.0 million was re-classified to the energy supply deferral. The Board also approved other 2016 costs of \$5.0 million, which resulted in an increase in profit or loss of \$3.6 million in 2017, and the disposition of the deferral balance from the RSP.

13.(d) Asset Disposal

As per Board Order No. P.U. 49 (2016), the PUB ordered that Hydro recognize a regulatory asset of \$0.4 million related to the Sunnyside transformer that was disposed of in 2014. Hydro is required to recover the deferred asset in rate base and amortize the asset for 22.4 years commencing in 2015. Hydro is required to exclude the new Sunnyside transformer from rate base until the Sunnyside Transformer Original Asset Deferral has been fully amortized.

13.(e) Deferred Energy Conservation

In 2017, Hydro deferred \$1.5 million (2016 - \$1.1 million) in the Energy Conservation Costs regulatory asset associated with an electrical conservation program for residential, industrial, and commercial sectors. In addition, as per Board Order No. P.U. 22 (2017), Hydro recovered \$0.5 million (2016 – \$nil) of the balance through a rate rider.

13.(f) Deferred Foreign Exchange on Fuel

Hydro purchases a significant amount of fuel for Holyrood Thermal Generating Station (HTGS) in USD. The RSP allows Hydro to defer variances in fuel prices (including foreign exchange fluctuations). During 2017, Hydro recognized in regulatory assets, foreign exchange gains on fuel purchases of \$0.4 million (2016 - \$0.9 million gain).

13.(g) Deferred Lease Costs

In 2017, pursuant to Board Order No. P.U. 38 (2013), Board Order No. P.U. 17 (2016) and Board Order No. P.U. 23 (2016), Hydro deferred lease costs of \$nil (2016 - \$1.6 million) for diesel units and other necessary infrastructure to ensure black start capability at the HTGS. In Board Order No. P.U. 17 (2016), Board Order No. P.U. 23 (2016) and Board Order No. P.U. 49 (2016) the Board approved the amortization of diesel units at HTGS over a period of five years. In 2017, Hydro recorded amortization of \$1.3 million (2016 - \$2.2 million) of the deferred lease costs.

13.(h) Deferred Purchased Power Savings

In 1997, the PUB ordered Hydro to defer \$1.1 million related to reduced purchased power rates resulting from the interconnection of communities in the area of L'Anse au Clair to Red Bay to the Hydro-Québec system and amortize the balance over a 30 year period. The remaining unamortized savings in the amount of \$0.4 million (2016 - \$0.4 million) are deferred as a regulatory liability.

13.(i) Employee Future Benefits Actuarial Loss

Pursuant to Board Order No. P.U. 36 (2015), Hydro has recognized the amortization of employee future benefit actuarial gains and losses in net income. During 2017, Hydro recorded \$0.1 million (2016 - \$0.2 million) employee future benefits losses as a regulatory adjustment. In the absence of rate regulation, IFRS would require Hydro to include employee future benefits actuarial gains and losses in other comprehensive income. As a result, during 2017 Hydro also recorded a decrease of \$0.1 million (2016 - \$0.2 million) to other comprehensive income to recognize the amount that was reclassified to profit or loss.

13.(j) Energy Supply Deferrals

Pursuant to Board Order No. P.U. 22 (2017), the Board approved the deferral of Energy Supply deferrals which includes the Energy Supply, Holyrood Conversion and Isolated Systems Supply deferral. The recovery of the deferral is subject to future Board order. In 2017, \$31.0 million relating to energy supply deferred for the periods 2015-2016 was re-classified from the 2016 Cost deferral to the Energy Supply deferral. The net increase to profit or loss in 2017 was \$21.3 million.

13.(k) Foreign Exchange Losses

In 2002, the PUB ordered Hydro to defer realized foreign exchange losses related to the issuance of Swiss Franc and Japanese Yen denominated debt and amortize the balance over a 40 year period. Accordingly, these costs were recognized as a regulatory asset. During 2017, the amortization of \$2.2 million (2016 - \$2.2 million) reduced regulatory assets.

13.(I) Fuel Supply Deferral

Pursuant to Board Order No. P.U. 56 (2014), Hydro received approval in 2014 to defer \$9.6 million as a regulatory asset in additional capacity related supply costs incurred during the three months ended March 31, 2014. As per Board Order No. P.U. 13 (2016) and Board Order No. P.U. 49 (2016), Hydro recorded a reduction of \$1.5 million in 2016 based upon the results of a Prudence Review. In 2016, as per Board Order No. P.U. 49 (2016), the remaining balance of \$8.1 million was re-classified to the 2014 Cost Deferral.

13.(m) Hearing Costs

As per Board Order No. P.U. 49 (2016), the Board approved \$0.8 million in hearing costs to be deferred and amortized over a three year period commencing 2015. In 2017, Hydro recorded amortization of \$0.3 million (2016 - \$0.5 million).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

13.(n) Insurance Amortization and Proceeds

Pursuant to Board Order No. P.U. 13 (2012), Hydro records net insurance proceeds against the capital costs and amortizes the balance over the life of the asset. Under IFRS, Hydro is required to recognize the insurance proceeds and corresponding amortization in regulatory liabilities. During 2017, Hydro recorded a decrease to regulatory liabilities resulting from amortization of \$0.5 million (2016 - \$0.6 million) related to the assets.

13.(o) Labrador Refund

Pursuant to Board Order No. P.U. 22 (2017), during 2017 Hydro refunded Labrador Industrial Transmission customers' excess revenues relating to the period of 2014 to 2017. The PUB also ordered that Hydro apply a rate reduction for a 30-month period to address excess revenues relating to Hydro's rural customers on the Labrador Interconnected System. In July 2017, Hydro began the amortization of excess revenues which resulted in a decrease to profit of \$0.5 million (2016 – \$nil).

13.(p) Non-Customer Contributions in Aid of Construction

Pursuant to Board Order No. P.U. 1 (2017), Hydro recognized amortization of deferred contributions in aid of construction (CIAC) from entities which are not customers in profit or loss. During 2017, Hydro recorded \$1.1 million (2016 - \$0.1 million) non-customer CIAC amortization as a regulatory adjustment. In the absence of rate regulation, IFRS requires non-customer CIACs to be recorded as contributed capital with no corresponding amortization. As a result, during 2017 Hydro also recorded an increase of \$1.1 million (2016 - \$0.1 million) to contributed capital to recognize the amount that was reclassified to profit or loss.

13.(q) Phase Two Hearing Costs

Pursuant to Board Order No. P.U. 13 (2016), Hydro received approval to defer consulting fees, salary transfers and overtime relating to Phase Two of the investigation into the reliability and adequacy of power on the Island Interconnected system after the interconnection with the Muskrat Falls generating station. As a result, Hydro recorded a regulatory asset of \$0.3 million (2016 - \$0.9 million).

13.(r) RSP

In 1986, the PUB ordered Hydro to implement the RSP which primarily provides for the deferral of fuel expense variances resulting from changes in fuel prices, hydrology and load and associated interest. Additionally, the RSP also includes costs associated with the island interconnected and isolated systems. Adjustments required in utility rates to cover the amortization of the balance are implemented on July 1 of each year. Similar adjustments required in industrial rates are implemented on January 1 of each year. On June 30, 2017, the PUB approved rates for Hydro's Island Interconnected and Rural customers in Board Order No. P.U. 25 (2017).

During 2017, Hydro recorded a net decrease in regulatory liabilities of \$269.4 million (2016 - increase of \$19.0 million) resulting in an RSP ending balance for 2017 of \$74.2 million (2016 - \$343.6 million). The decrease in the RSP balance is primarily caused by the RSP surplus payout, the disposition of the 2014-2016 Cost Deferrals and GRA related payments, and the normal operation of the RSP. As per Board Order P.U. 36 (2016), the RSP was reduced by \$130.8 million relating to the refund of the utility surplus balance. The reduction was comprised of \$128.8 million refund to customers and \$2.0 million in administrative costs. The remaining portion of the utility surplus balance is \$12.6 million (2016 - \$143.4 million). As per Board Order No. P.U. 22 (2017) and Board Order No. P.U. 24 (2017), the Board approved a \$72.4 million recovery of the 2014-2016 Cost Deferrals and other GRA related payments through the RSP. The normal operation of the RSP resulted in an increase to net income of \$66.2 million (2016 – decrease of \$19.0 million).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

14. TRADE AND OTHER PAYABLES

As at December 31 (millions of Canadian dollars)	2017	2016
Trade payables	131	113
Accrued interest payable	24	27
Payables due to related parties	8	13
Other payables	26	21
	189	174

As at December 31, 2017 trade and other payables included balances of \$18.6 million (2016 - \$8.4 million) denominated in USD.

15. **DEBT**

15.1 Short-term Borrowings

On July 27, 2017 Hydro converted its \$50.0 million demand operating facility, to a \$200.0 million CAD or USD equivalent committed revolving term credit facility, with a maturity date of July 27, 2019. As at December 31, 2017 there were no amounts drawn on the facility (2016 - \$nil). Borrowings in CAD may take the form of Prime Rate Advances, Bankers' Acceptances (BAs), and letters of credit, with interest calculated at the Prime Rate or prevailing Government BA fee. Borrowings in USD may take the form of Base Rate Advances, London Interbank Offer Rate (LIBOR) Advances and letters of credit. The facility also provides coverage for overdrafts on Hydro's bank accounts, with interest calculated at the Prime Rate.

On September 29, 2017 Hydro renewed an intercompany loan with Nalcor in the amount of \$225.0 million to Hydro. This loan will mature on March 30, 2018 and has an interest rate of 1.845%.

In addition, Hydro utilized its government guaranteed promissory note program to fulfil its short-term funding requirements. As at December 31, 2017, there were \$144.0 million in promissory notes outstanding with a maturity date of January 3, 2018 bearing an interest rate of 1.13% (2016 - \$210.0 million bearing an interest rate of 0.63%). Upon maturity, a promissory note was reissued in the amount of \$155.0 million with a maturity date of January 16, 2018 bearing an interest rate of 1.17%.

As at (millions of Canadian dollars)	2017	2016
Promissory notes - borrowed from Nalcor	225	225
Promissory notes - borrowed from external markets	144	210
	369	435

Churchill Falls maintains a \$10.0 million CAD or USD equivalent unsecured demand operating credit facility with its primary banker. There were no amounts drawn on this facility as at December 31, 2017 (2016 - \$nil), however \$1.0 million of the borrowing limit has been used to issue irrevocable letters of credit (2016 - \$1.0 million). Borrowings in CAD may take the form of Prime Rate Advances, BAs, or letters of credit, with interest calculated at the Prime Rate or prevailing Government BA fee. Borrowings in USD may take the form of Base Rate Advances. The facility also provides coverage for overdrafts on Churchill Falls bank accounts, with interest calculated at the Prime Rate. Churchill Falls has issued three irrevocable letters of credit, totalling \$2.0 million, to ensure satisfactory management of its waste management and compliance with a certificate of approval for the transportation of special hazardous wastes granted by the Department of Environment and Conservation.

15.2 Long-term Debt

The following table represents the value of long-term debt measured at amortized cost:

	Face	Coupon	Year of	Year of		
As at December 31 (millions of Canadian dollars)	Value	Rate %	Issue	Maturity	2017	2016
Hydro						
X*	150	10.25	1992	2017	-	150
γ*	300	8.40	1996	2026	295	295
AB*	300	6.65	2001	2031	305	306
AD*	125	5.70	2003	2033	124	124
AF	500	3.60	2014/2017	2045	480	197
1A	300	3.70	2017	2048	330	-
Total	1,675				1,534	1,072
Less: Sinking fund investments in own debe	ntures				45	57
					1,489	1,015
Less: maturities of debentures due within o	ne year				-	150
Less: sinking fund payments due within one	year				7	7
Less: maturities of sinking funds in own deb	entures				-	(14)
Total					1,482	872

^{*}Sinking funds have been established for these issues.

Hydro's promissory notes and debentures are unsecured and unconditionally guaranteed as to principal and interest and, where applicable, sinking fund payments, by the Province, with exception of Series 1A and promissory notes borrowed from Nalcor. The Province charges Hydro a guarantee fee of 25 basis points annually on the total debt (net of sinking funds) with a remaining term to maturity of less than or equal to 10 years and 50 basis points annually on total debt (net of sinking funds) with a remaining term to maturity greater than 10 years for debt outstanding as of December 31, 2010. For debt issued subsequent to December 31, 2010, the guarantee rate is 25 basis points annually on the total debt (net of sinking funds) with an original term to maturity of less than or equal to 10 years and 50 basis points annually on total debt (net of sinking funds) with an original term to maturity greater than 10 years. The guarantee fee charged by the Province for the year ended December 31, 2017 was \$4.1 million (2016 - \$4.5 million).

On January 20, 2017, Hydro issued new long-term debt through the reopening and sale of \$300.0 million of Series AF debentures to its underwriting syndicate. The debentures mature on December 1, 2045 with a coupon rate of 3.60% paid semi-annually.

On July 14, 2017 Hydro's \$150.0 million long-term debt, Series X, matured. Sinking fund disposals during the year in the amount of \$95.1 million were used to offset the Series X maturity.

On December 20, 2017, Hydro issued new long-term debt, Series 1A, with face value of \$300.0 million. The Province of Newfoundland and Labrador issued debt specifically on Hydro's behalf and lent the proceeds to Hydro. The debt matures on October 17, 2048 with a coupon rate of 3.70% paid semi-annually.

On January 3, 2018, Hydro reissued a promissory note in the amount of \$155.0 million with a maturity date of January 16, 2018 bearing an interest rate of 1.17%.

^{**}Hydro's V Series debentures had a balance of \$0.2 million outstanding as at December 31, 2017.

16. DEFERRED CONTRIBUTIONS

Hydro has received contributions in aid of construction of property, plant and equipment. These contributions are deferred and amortized to other revenue over the life of the related property, plant and equipment asset.

As at (millions of Canadian dollars)	2017	2016
Deferred contributions, beginning of year	14	13
Additions	1	2
Amortization	(2)	(1)
Deferred contributions, end of year	13	14
Less: current portion	(1)	(1)
	12	13

17. DECOMMISSIONING LIABILITIES

Hydro has recognized liabilities associated with the retirement of portions of the HTGS and the disposal of Polychlorinated Biphenyls (PCB).

The reconciliation of the beginning and ending carrying amounts of decommissioning liabilities for December 31, 2017 and December 31, 2016 are as follows:

As at (millions of Canadian dollars)	2017	2016
Decommissioning liabilities, beginning of year	16	29
Liabilities settled	-	(1)
Accretion	-	1
Revisions	(1)	(13)
Decommissioning liabilities, end of year	15	16

The total estimated undiscounted cash flows required to settle the HTGS obligations as at December 31, 2017 are \$15.2 million (2016 - \$15.2 million). In 2016, the HTGS decommissioning obligation decreased primarily due to an updated assumption that Holyrood will be used as an industrial site for the foreseeable future because of the operation of assets such as the Holyrood CT and the black start diesels. Payments to settle the liability are expected to occur between 2020 and 2023. The fair value of the decommissioning liabilities was determined using the present value of future cash flows discounted at Hydro's credit adjusted risk free rate of 2.6% (2016 – 2.5%). Hydro has recorded \$13.5 million (2016 - \$13.4 million) related to HTGS obligations.

The total estimated undiscounted cash flows required to settle the PCB obligations as at December 31, 2017 are \$1.8 million (2016 - \$2.7 million). Payments to settle the liability are expected to occur between 2018 and 2025. The fair value of the decommissioning liabilities was determined using the present value of future cash flows discounted at Hydro's and Churchill Falls' credit adjusted risk free rates of 2.8% to 3.2%, respectively, (2016 - 2.9% to 3.7%). Hydro has recorded \$1.5 million (2016 - \$2.4 million) related to PCB obligations.

A significant number of Hydro's assets include generation plants, transmission assets and distribution systems. These assets can continue to run indefinitely with ongoing maintenance activities. As it is expected that Hydro's assets will be used for an indefinite period, no removal date can be determined and, consequently, a reasonable estimate of the fair value of any related decommissioning liability cannot be determined at this time. If it becomes possible to estimate the fair value of the cost of removing assets that Hydro is required to remove, a decommissioning liability for those assets will be recognized at that time.

18. EMPLOYEE FUTURE BENEFITS

18.1 Pension Plan

Employees participate in the Province's Public Service Pension Plan, a multi-employer defined benefit plan. The employer's contributions for the year ended December 31, 2017 of \$9.8 million (2016 - \$9.0 million) are expensed as incurred.

18.2 Other Benefits

Hydro provides group life insurance and health care benefits on a cost shared basis to retired employees, and in certain cases, their surviving spouses, in addition to a retirement allowance upon retirement. In 2017, cash payments to beneficiaries for its unfunded other employee future benefits were \$4.1 million (2016 - \$3.0 million). An actuarial valuation was performed as at December 31, 2017.

As at December 31 (millions of Canadian dollars)	2017	2016
Accrued benefit obligation, beginning of year	103	103
Current service cost	4	4
Interest cost	4	4
Benefits paid	(4)	(3)
Actuarial loss (gain)	3	(3)
Transfers and other	(1)	(2)
Accrued benefit obligation, end of year	109	103

When an employee transfers to a related party, the associated accrued benefit obligation is allocated to each respective party based on years of service.

For the year ended December 31 (millions of Canadian dollars)	2017	2016
Component of benefit cost		_
Current service cost	4	4
Interest cost	4	4
Total benefit expense for the year	8	8

The significant actuarial assumptions used in measuring the accrued benefit obligations and benefit expenses are as follows:

follows:	•	
	2017	2016
Discount rate - benefit cost	3.90%	4.10%
Discount rate - accrued benefit obligation	3.55%	3.90%
Rate of compensation increase	3.50%	3.50%
Assumed healthcare trend rates:		
	2017	2016
Initial health care expense trend rate	6.00%	5.85%
Cost trend decline to	4.50%	4.50%
Year that rate reaches the rate it is assumed to remain at	2027	2025
A 1% change in assumed health care trend rates would have had the following effects:		
Increase (millions of Canadian dollars)	2017	2016
Current service and interest cost	2	2
Accrued benefit obligation	18	17
Decrease (millions of Canadian dollars)	2017	2016
Current service and interest cost	(1)	(1)
Accrued benefit obligation	(14)	(13)

19. ACCUMULATED OTHER COMPREHENSIVE INCOME

The components of, and changes in, accumulated other comprehensive income are as follows:

Items that may or have been reclassified to profit or loss:

(millions of Canadian dollars)	2017	2016
Available-for-sale financial instruments		
Balance at January 1	45	41
Net fair value (loss) gain during the year	(3)	14
Amounts reclassified to profit or loss	(8)	(10)
Balance at December 31	34	45
(millions of Canadian dollars)	2017	2016
Employee future benefits		
Balance at January 1	(19)	(22)
Net actuarial (losses) gains on defined benefit plans	(3)	3
Balance at December 31	(22)	(19)

20. SHAREHOLDER'S EQUITY

20.1 Share Capital

As at December 31 (millions of Canadian dollars)	2017	2016
Common shares of par value of \$1 each		
Authorized - 25,000,000		
Issued, paid and outstanding - 22,503,942	23	23

20.2 Contributed Capital

As at December 31 (millions of Canadian dollars)	2017	2016
Contributed capital, beginning of year	148	133
Additions	3	15
Amortization	(1)	-
Contributed capital, end of year	150	148

During 2017, the Churchill Falls (Labrador) Corporation Trust (the Trust) contributed capital in the amount of \$0.2 million (2016 - \$0.3 million). In addition, Lower Churchill Management Corporation (LCMC) contributed \$2.7 million (2016 - \$14.9 million) in additions to property, plant and equipment. Pursuant to Board Order No. P.U. 1 (2017), Hydro recognized \$1.1 million (2016 - \$0.1 million) in amortization as a regulatory adjustment.

20.3 Dividends

For the year ended December 31 (millions of Canadian dollars)	2017	2016
Declared during the year		
Final dividend for prior year: \$0.02 per share (2016 - \$0.05)	1	1
Interim dividend for current year: \$0.28 per share (2016 - \$0.52)	6	12
	7	13

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21. OPERATING COSTS

For the year ended December 31 (millions of Canadian dollars)	2017	2016
Salaries and benefits	108	105
Maintenance and materials	34	32
Professional services	8	9
Rental and royalty	4	5
Travel and transportation	6	5
Equipment rental	2	4
Other operating costs	13	13
	175	173

22. NET FINANCE EXPENSE

For the year ended December 31 (millions of Canadian dollars)	2017	2016
Finance income		
Interest on sinking fund	12	14
Interest on reserve fund	-	1
Other interest income	2	1
	14	16
Finance expense		
Long-term debt	78	82
Debt guarantee fee	4	5
Accretion	1	1
Other	6	2
	89	90
Interest capitalized during construction	(11)	(4)
	78	86
Net finance expense	64	70

23. OTHER EXPENSE

For the year ended December 31 (millions of Canadian dollars)		2017	2016
Loss on disposal of property, plant and equipment		8	7
Net change in PPA fair value	(a)	-	-
Foreign exchange gain		(1)	-
Other		(1)	(1)
Other expense		6	6

(a) Net change in PPA fair value

For the year ended December 31 (millions of Canadian dollars)	2017	2016
PPA gains		
Settlement of realized profit	(42)	(38)
Mark-to-market of derivative	(9)	(23)
	(51)	(61)
PPA losses		
Amortization of deferral	51	61
	51	61
Net change in PPA fair value	-	-

24. FINANCIAL INSTRUMENTS AND RISK MANAGEMENT

24.1 Fair Value

The estimated fair values of financial instruments as at December 31, 2017 and December 31, 2016 are based on relevant market prices and information available at the time. Fair value estimates are based on valuation techniques which are significantly affected by the assumptions used including the amount and timing of future cash flows and discount rates reflecting various degrees of risk. As such, the fair value estimates below are not necessarily indicative of the amounts that Hydro might receive or incur in actual market transactions.

As a significant number of Hydro's assets and liabilities do not meet the definition of a financial instrument, the fair value estimates below do not reflect the fair value of Hydro as a whole.

Establishing Fair Value

Financial instruments recorded at fair value are classified using a fair value hierarchy that reflects the nature of the inputs used in making the measurements. The fair value hierarchy has the following levels:

Level 1 - valuation based on quoted prices (unadjusted) in active markets for identical assets or liabilities.

Level 2 - valuation techniques based on inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices).

Level 3 - valuation techniques using inputs for the asset or liability that are not based on observable market data (unobservable inputs).

The fair value hierarchy requires the use of observable market inputs whenever such inputs exist. A financial instrument is classified to the lowest level of the hierarchy for which a significant input has been considered in measuring fair value. For assets and liabilities that are recognized at fair value on a recurring basis, Hydro determines whether transfers have occurred between levels in the hierarchy by reassessing categorization (based on the lowest level input that is significant to the fair value measurement as a whole) at the end of each reporting period. There were no transfers between Level 1, 2 and 3 fair value measurement for the years ended December 31, 2017 and December 31, 2016.

			Carrying	Fair	Carrying	Fair
	Level	Category	Value	Value	Value	Value
As at (millions of Canadian dollars)			December	31, 2017	December	31, 2016
Financial assets						
Sinking funds - investments in Hydro debt issue	2	HTM	45	56	57	71
Sinking funds - other investments	2	AFS	190	190	267	267
Reserve fund	2	AFS	-	-	15	15
Long-term receivables	2	L&R	-	-	1	1
Financial liabilities						
Derivative liabilities	3	FVTPL	31	31	51	51
Long-term debt (including amount due within one						
year before sinking funds)	2	OFL	1,534	1,848	1,072	1,334

The fair value of cash and cash equivalents, trade and other receivables, short-term borrowings and trade and other payables, approximates their carrying values due to their short-term maturity. The fair value of long-term investments approximates its carrying value due to the underlying nature of the investment.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

The fair values of Level 2 financial instruments are determined using quoted prices in active markets, which in some cases are adjusted for factors specific to the asset or liability. Level 2 derivative instruments are valued based on observable commodity future curves, broker quotes or other publicly available data. Level 2 fair values of other risk management assets and liabilities and long-term debt are determined using observable inputs other than unadjusted quoted prices, such as interest rate yield curves and currency rates.

Level 3 financial instruments include the derivative liability relating to the PPA with Nalcor Energy Marketing and represents the future value provided to Nalcor Energy Marketing through the contract.

The following table summarizes quantitative information about the valuation techniques and unobservable inputs used in the fair value measurement of Level 3 financial instruments as at December 31, 2017:

	Significant Unobservable	Valuation	Carrying	
Range	Input(s)	Techniques	Value	(millions of Canadian dollars)
14-34% of available	Volumes (MWh)	Modelled	31	Derivative liability (PPA)
generation		pricing		

The derivative liability arising under the PPA is designated as a Level 3 instrument as certain forward market prices and related volumes are not readily determinable to estimate a portion of the fair value of the derivative liability. Hence, fair value measurement of this instrument is based upon a combination of internal and external pricing and volume estimates. As at December 31, 2017, the effect of using reasonable alternative assumptions for volume inputs to valuation techniques may have resulted in a -\$2.2 million to a +\$3.9 million change in the carrying value of the power purchase derivative liability.

24.2 Risk Management

Hydro is exposed to certain credit, liquidity and market price risks through its operating, investing and financing activities. Financial risk is managed in accordance with Nalcor's Board approved Financial Management Risk Policy, which outlines the objectives and strategies for the management of financial risk, including the use of derivative contracts. Permitted financial risk management strategies are aimed at minimizing the volatility of Hydro's expected future cash flows.

Credit Risk

Hydro's expected future cash flow is exposed to credit risk through its operating activities, primarily due to the potential for non-performance by its customers, and through its financing and investing activities, based on the risk of non-performance by counterparties to its financial instruments. The degree of exposure to credit risk on cash and cash equivalents and derivative assets as well as from the sale of electricity to customers, including the associated accounts receivable, is determined by the financial capacity and stability of those customers and counterparties. The maximum exposure to credit risk on these financial instruments is represented by their carrying values on the Consolidated Statement of Financial Position at the reporting date.

Credit risk on cash and cash equivalents is minimal, as Hydro's cash deposits are held by a Schedule 1 Canadian Chartered Bank with a rating of A+ (Standard and Poor's).

Credit exposure on Hydro's sinking funds is limited by restricting the holdings to long-term debt instruments issued by the Government of Canada or any province of Canada, Crown corporations and Schedule 1 Canadian Chartered Banks. The following credit risk table provides information on credit exposures according to issuer type and credit rating for the remainder of the sinking funds portfolio:

	Issuer	Fair Value	Issuer	Fair Value
	Credit Rating	of Portfolio (%)	Credit Rating	of Portfolio (%)
	2	017	20	016
Provincial Governments	AA- to AAA	-	AA- to AAA	0.41%
Provincial Governments	A- to A+	46.25%	A- to A+	43.86%
Provincially owned utilities	A- to A+	53.75%	A- to A+	48.88%
Schedule 1 Canadian banks	A- to A+	-	A- to A+	6.85%
		100.00%		100.00%

Credit exposure on the reserve fund is mitigated by adhering to an investment policy which restricts the holdings to long-term debt instruments issued or guaranteed by the Government of Canada or any province of Canada. Investment in the long-term debt instruments of Canadian banks are also permitted, provided the bank is rated A or higher by Standard and Poor's. With the exception of Government of Canada, holdings of any one issuer are limited to 10% of the total principal amount of the portfolio. The following credit risk table provides information on credit exposure according to issuer type and credit rating for the reserve fund:

		Fair Value		Fair Value
	Issuer	of Portfolio	Issuer	of Portfolio (%)
	Credit Rating	(%)	Credit Rating	
	201	17	20	016
Provincial Governments	AA- to AAA	-	AA- to AAA	7.32%
Provincial Governments	A- to A+	-	A- to A+	30.63%
Schedule 1 Canadian banks	AA- to AAA	-	AA- to AAA	9.07%
Schedule 1 or 2 Canadian banks	A- to A+	-	A- to A+	52.98%
		-		100.00%

Credit exposure on derivative assets is limited by the Financial Risk Management Policy, which restricts available counterparties for hedge transactions to Schedule 1 Canadian Chartered Banks, and Federally Chartered US Banks.

Hydro's exposure to credit risk on its energy sales and associated accounts receivable is determined by the credit quality of its customers. Hydro's three largest customers account for 81.9% (2016 - 82.7%) of total energy sales and 55.8% (2016 - 62.6%) of accounts receivable. Energy sales for the three largest customers include \$409.6 million (2016 - \$419.3 million) for regulated Hydro, as well as \$39.9 million (2016 - \$39.8 million) for Non-Regulated Hydro. Churchill Falls' exposure to credit risk on energy sales is limited, as Churchill Falls' main customer, Hydro-Québec is an investment grade utility.

Liquidity Risk

Hydro is exposed to liquidity risk with respect to its contractual obligations and financial liabilities, including any derivative liabilities related to hedging activities. Liquidity risk management is aimed at ensuring cash is available to meet those obligations as they become due.

Short-term liquidity is mainly provided through cash and cash equivalents on hand, funds from operations, and a \$300.0 million (2016 - \$300.0 million) promissory note program. In addition, Hydro maintains a \$200.0 million (2016 - \$50.0 million) unsecured demand operating facility with its primary banker in order to meet any requirements beyond those forecasted for a given period. Churchill Falls also maintains a \$23.0 million (2016 - \$22.0 million) minimum cash balance, business interruption insurance, as well as a \$10.0 million (2016 - \$10.0 million) unsecured credit facility with its banker.

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Long-term liquidity risk for Hydro is managed by the issuance of a portfolio of debentures with maturity dates ranging from 2026 to 2048. Sinking funds have been established for these issues, with the exception of the issues maturing in 2045 and 2048.

For Churchill Falls, long-term liquidity risk is managed by maintenance of the reserve fund in accordance with the Shareholders' Agreement and a dividend management policy that meets long-term liquidity requirements associated with Churchill Falls' capital expenditure program.

The following are the contractual maturities of Hydro's financial liabilities, including principal and interest, as at December 31, 2017:

(millions of Canadian dollars)	<1 Year	1-3 Years	3-5 years	> 5 Years	Total
Trade and other payables	189	-	-	-	189
Short-term borrowings	369	-	-	-	369
Derivative liability	31	-	-	-	31
Long-term debt including sinking funds	7	13	13	1,492	1,525
Interest	81	163	163	1,026	1,433
	677	176	176	2,518	3,547

Market Risk

In the course of carrying out its operating, financing and investing activities, Hydro is exposed to possible market price movements that could impact expected future cash flow and the carrying value of certain financial assets and liabilities. Market price movements to which Hydro has significant exposure include those relating to prevailing interest rates, foreign exchange rates, most notably the USD/CAD, and current commodity prices, most notably the spot prices for diesel fuel, electricity, and No. 6 fuel. These exposures are addressed as part of the Financial Risk Management Policy.

Interest Rates

Changes in prevailing interest rates will impact the fair value of financial assets and liabilities classified as held for trading or available-for-sale, which includes Hydro's cash and cash equivalents, short-term investments and sinking funds. Expected future cash flows associated with those financial instruments can also be impacted. The impact of a 0.5% change in interest rates on net income and other comprehensive income associated with cash and cash equivalents and short-term debt was negligible throughout 2017 due to the short time period to maturity. There was no impact on profit and other comprehensive income associated with long-term debt as all of Hydro's long-term debt has fixed interest rates.

The table below shows the impact of a 0.5% change in interest rates on other comprehensive income associated with the sinking funds and reserve fund as at December 31, 2017:

	Impact of Change in Ra	tes on Other
	Comprehensive (Los	s) Income
	0.5%	0.5%
(millions of Canadian dollars)	Decrease	Increase
Interest on sinking fund	9.5	(9.0)

Foreign Currency and Commodity Exposure

Hydro's primary exposure to both foreign exchange and commodity price risk arises from its purchases of No. 6 fuel for consumption at the HTGS, and these risks are mitigated through operation of the RSP.

The components of the change impacting the carrying value of the derivative asset and derivative liability for the year ended December 31, 2017 are as follows:

(millions of Canadian dollars)	Level II	Level III	Total
Balance at January 1, 2017	-	(51)	(51)
Purchases	-	(31)	(31)
Changes in profit or loss			
Mark-to-market	-	9	9
Settlements	-	42	42
Total	-	51	51
Balance at December 31, 2017	-	(31)	(31)
Balance, January 1, 2016	2	(61)	(59)
Purchases	-	(51)	(51)
Changes in profit or loss			
Mark-to-market	-	23	23
Settlements	(2)	38	36
Total	(2)	61	59
Balance at December 31, 2016	-	(51)	(51)

25. RELATED PARTY TRANSACTIONS

Hydro enters into various transactions with its parent and other affiliates. These transactions occur within the normal course of operations and are measured at the exchange amount, which is the amount of consideration agreed to by the related parties. Related parties with which Hydro transacts are as follows:

Related Party	Relationship
Nalcor	100% shareholder of Hydro
Churchill Falls	Joint arrangement of Hydro
The Province	100% shareholder of Nalcor
Twin Falls	Joint venture of Churchill Falls
Energy Marketing	Wholly-owned subsidiary of Nalcor
Hydro Québec	34.2% shareholder of Churchill Falls
Labrador-Island Link Operating Corporation (LIL Opco)	Wholly-owned subsidiary of Nalcor
Lower Churchill Management Corporation	Wholly-owned subsidiary of Nalcor
Nalcor Energy – Bull Arm Fabrication Inc.	Wholly-owned subsidiary of Nalcor
Nalcor Energy – Oil and Gas Inc.	Wholly-owned subsidiary of Nalcor
PUB	Agency of the Province
The Trust	Created by the Province with Churchill Falls as the beneficiary

Routine operating transactions with related parties are settled at prevailing market prices under normal trade terms. Outstanding balances due to or from related parties are non-interest bearing with no set terms of repayment, unless otherwise stated.

- (a) On September 29, 2017 Hydro renewed an intercompany loan with Nalcor in the amount of \$225.0 million to Hydro. This loan will mature on March 30, 2018 and has an interest rate of 1.845%.
- (b) For the year ended December 31, 2017, Lower Churchill Management Corporation contributed \$2.7 million (December 31, 2016 \$14.9 million) in additions to property, plant and equipment.
- (c) Hydro is required to incur the costs of operations, hearings and application costs of the PUB, including costs of any experts and consultants engaged by the PUB. During 2017, Hydro incurred \$1.8 million (2016 \$1.3 million) in costs related to the PUB and has included \$3.0 million (2016 \$2.1 million) in trade and other payables.

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- (d) As at December 31, 2017, Hydro has a payable to related parties of \$8.1 million (2016 \$12.7 million) and a receivable from related parties for \$13.4 million (2016 \$15.0 million). This payable/receivable consists of various intercompany operating costs and power purchases.
- (e) The debt guarantee fee for 2017 was \$4.1 million (2016 \$4.5 million). It was paid to the Province on March 27, 2017.
- (f) For the year ended December 31, 2017, Hydro recovered \$2.2 million (2016 \$3.2 million) of operating costs from related parties representing the provision of administrative services.
- (g) For the year ended December 31, 2017, Hydro incurred costs of \$3.9 million (2016 \$3.7 million) in operating costs from related parties representing the provision for administrative services.
- (h) For the year ended December 31, 2017, Hydro has purchased \$26.3 million (2016 \$25.2 million) of power generated from assets related to Exploits Generation, which are owned by the Province. In addition, Hydro operates these assets on behalf of Nalcor and recovered costs in the amount of \$21.9 million (2016 \$29.1 million).
- (i) For the year ended December 31, 2017, Hydro has incurred intercompany labour expense of \$1.5 million (2016 \$2.1 million) and recovered intercompany labour expense of \$1.4 million (2016 \$2.1 million).
- (j) Hydro received \$0.8 million (2016 \$0.9 million) from Nalcor associated with the Upper Churchill Redress Agreement to be used to reduce the electricity accounts of each residential Innu customer in Innu Communities or to Mushuau Innu First Nation.
- (k) Hydro recorded \$nil (2016 \$0.2 million) as a rate subsidy for rural isolated customers from the Province and \$1.8 million (2016 \$1.8 million) as an energy rebate to offset the cost of basic electricity consumption for Labrador rural isolated residential customers under the Northern Strategic Plan. As at December 31, 2017, there is a balance of \$0.6 million (2016 \$1.3 million) outstanding in trade and other receivables.
- (I) Hydro received \$0.5 million (2016 \$1.3 million) from other lines of business as a contribution in aid of construction for Information Systems assets.
- (m) During 2017, Churchill Falls generated revenue from Hydro-Québec of \$94.6 million (2016 \$102.4 million) and Hydro has recognized its share of \$62.2 million (2016 \$67.4 million).
- (n) Under the terms of the Lease and amendments thereto, Churchill Falls is required to pay the Province an annual rental of 8% of the consolidated net profits before income taxes and an annual royalty of \$0.50 per horsepower year generated, as defined in the Lease. At December 31, 2017, \$6.4 million (2016 \$7.5 million) was payable to the Province. Hydro has recognized its share of \$4.2 million (2016 \$4.9 million).
- (o) In February 3, 2010, the Province established the Trust with Churchill Falls as the beneficiary. The purpose of the Trust is to fund the external costs and expenses incurred in relation to the motion filed by Churchill Falls seeking a modification to the pricing terms of the 1969 Power Contract. To date, \$5.6 million (2016 \$5.3 million) has been received and \$nil (2016 \$13.0 thousand) has been accrued as receivable from the Trust. Hydro has recognized its share of \$3.7 million (2016 \$3.5 million) as received and \$nil (2016 \$8.6 thousand) accrued as receivable from the Trust.
- (p) As at December 31, 2017, Churchill Falls capacity penalty payable was \$0.4 million (2016 \$0.4 million), of which Hydro has recorded its share of \$0.3 million (2016 \$0.3 million). The capacity penalty relates to the supply of power to Hydro-Québec. Churchill Falls did not incur a capacity penalty in 2017 (2016 \$nil).

(q) On December 20, 2017, Hydro issued new long-term debt, Series 1A, with face value of \$300.0 million. The Province of Newfoundland and Labrador issued debt specifically on Hydro's behalf and lent the proceeds to Hydro.

25.1 Key Management Personnel Compensation

Compensation for key management personnel, which Hydro defines as its executives who have the primary authority and responsibility for planning, directing and controlling the activities of the entity, includes compensation for senior executives. Salaries and employee benefits include base salaries, performance contract payments, vehicle allowances and contributions to employee benefit plans. Post-employment benefits include contributions to the Province's Public Service Pension Plan in the amount of \$0.2 million (2016 - \$0.1 million).

For the year ended December 31 (millions of Canadian dollars)	2017	2016
Salaries and employee benefits	2	1

26. COMMITMENTS AND CONTINGENCIES

- (a) Hydro has received claims instituted by various companies and individuals with respect to power delivery claims and other miscellaneous matters. Although the outcome of such matters cannot be predicted with certainty, Management believes that Hydro's exposure to such claims and litigation, to the extent not covered by insurance policies or otherwise provided for, is not expected to materially affect its financial position.
- (b) Outstanding commitments for capital projects total approximately \$54.4 million as at December 31, 2017 (2016 \$153.1 million).
- (c) Hydro has entered into a number of long-term power purchase agreements as follows:

Type	Rating	Effective Date	Term
Hydroelectric	3 MW	1995	25 years
Hydroelectric	4 MW	1998	25 years
Cogeneration	15 MW	2003	20 years
Wind	390 kW	2004	15 years
Wind	27 MW	2008	20 years
Wind	27 MW	2009	20 years
Wind	300 kW	2010	Continual
Hydroelectric	175 kW	2017	15 years

Estimated payments due in each of the next five years are as follows:

(millions of Canadian dollars)	2018	2019	2020	2021	2022
Power purchases	30.7	31.9	32.5	32.6	32.7

(d) Through a power purchase agreement signed October 1, 2015, with Energy Marketing, Hydro maintains the transmission services contract it entered into with Hydro Québec TransÉnergie which concludes in 2024.

The transmission rental payments for the next five years are estimated to be as follows:

2018	\$21.0 million
2019	\$21.3 million
2020	\$21.5 million
2021	\$21.7 million
2022	\$21.9 million

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- (e) In August 2016, Churchill Falls received judgment from the Québec Court of Appeal upholding the 2014 Québec Superior Court ruling on the motion filed by Churchill Falls to address the inequities of the pricing terms of the 1969 Power Contract between Churchill Falls and Hydro-Québec. The Court ruled against Churchill Falls and the ruling requires Churchill Falls to pay court costs of \$1.4 million to Hydro-Québec. In April 2017, Churchill Falls was granted leave to appeal the case to the Supreme Court of Canada, the case was presented in December 2017 and a final ruling is anticipated some time in 2018.
- (f) In August 2016, Churchill Falls received judgment from the Québec Superior Court regarding a Motion for Declaratory Judgment filed by Hydro-Québec relating to the interpretation of the 1969 Power Contract between Churchill Falls and Hydro-Québec and the associated Renewal Contract. The Court ruled in favour of Hydro-Québec and the ruling requires Churchill Falls to pay court costs of approximately \$0.4 million to Hydro-Québec. Churchill Falls has filed a Notice of Appeal with the Québec Court of Appeal. The date of the appeal hearing has not yet been set but it is anticipated that it will be scheduled for some time in 2018.
- (g) In 2013, Hydro entered into a Power Purchase Agreement with Muskrat Falls for the purchase of energy and capacity from the Muskrat Falls Plant. The supply period under the agreement is 50 years and commences at the date of commissioning of the Muskrat Falls Plant. Estimated payments for the next five years have not yet been determined.
- (h) In 2013, Hydro entered into the Transmission Funding Agreement (TFA) with LIL Opco, in which Hydro has committed to make payments which will be sufficient for LIL Opco to recover all costs associated with rent payments under the LIL Lease and payments to cover operating and maintenance costs incurred by LIL Opco. Hydro will be required to begin mandatory payments associated with the TFA upon commissioning of the Lower Churchill Project assets. The term of the TFA is anticipated to continue until the service life of the LIL assets has expired.
- (i) In 2014, Hydro entered into three Capacity Assistance Agreements, one with Vale Newfoundland & Labrador Limited (Vale) and two with Corner Brook Pulp and Paper Limited (CBPP) for the purchase of relief power during the winter period. In 2016, Hydro also entered into two new Capacity Assistance Agreements, one with Praxair and a second agreement with Vale for the purchase of relief power. The agreements with Vale and Praxair have a supply period defined as December 1 to March 31 for each contract year, concluding March 2018. In November 2017, Hydro entered into a revised agreement with CBPP that expires the earlier of April 30, 2022 or the commissioning of the Muskrat Falls plant. Payment for services will be dependent on the successful provision of capacity assistance for the winter period by Vale, CBPP and Praxair.

27. CAPITAL MANAGEMENT

Hydro's principal business requires ongoing access to capital in order to maintain assets to ensure the continued delivery of safe and reliable service to its customers. Therefore, Hydro's primary objective when managing capital is to ensure ready access to capital at a reasonable cost, to minimize its cost of capital within the confines of established risk parameters, and to safeguard Hydro's ability to continue as a going concern.

The capital managed by Hydro is comprised of debt (long-term debentures, short-term borrowings, bank credit facilities and bank indebtedness) and equity (share capital, shareholder contributions, reserves and retained earnings).

A summary of the capital structure is outlined below:

(millions of Canadian dollars)	2017		2016	
Debt				
Sinking funds	(190)		(267)	
Short-term borrowings	369		435	
Current portion of long-term debt	7		143	
Long-term debt	1,482		872	
	1,668	63.6%	1,183	56.7%
Equity				
Share capital	23		23	
Contributed capital	150		148	
Reserves	12		26	
Retained earnings	768		706	
	953	36.4%	903	43.3%
Total Debt and Equity	2,621	100.0%	2,086	100.0%

27.1 Hydro

Hydro's approach to capital management encompasses various factors including monitoring the percentage of floating rate debt in the total debt portfolio, the weighted average term to maturity of its overall debt portfolio, its percentage of debt to debt plus equity, and its interest coverage.

For the regulated portion of Hydro's operations, Management targets a capital structure comprised of 75% debt and 25% equity, a ratio which Management believes to be optimal with respect to its cost of capital. This capital structure is maintained by a combination of dividend policy, shareholder contributions and debt issuance. The issuance of any new debt with a term greater than one year requires prior approval of the PUB. Hydro's committed operating facility has a covenant restricting the issuance of debt such that consolidated debt to total capitalization ratio cannot exceed 85%. As at December 31, 2017, Hydro was in compliance with this covenant.

Legislation stipulates that the total of the Government guaranteed short-term loans issued by Hydro and outstanding at any time shall not exceed a limit as fixed by the Lieutenant-Governor in Council. Short-term loans are those loans issued with a term not exceeding two years. The current limit is set at \$300.0 million and \$144.0 million is outstanding as at December 31, 2017 (2016 - \$210.0 million). Issuance of short-term borrowings and long-term debt by Hydro is further restricted by Bill C-24, an amendment to the Newfoundland and Labrador Hydro Act of 1975. The Bill effectively limits Hydro's total borrowings, which includes both short-term and long-term debt to \$2.1 billion at any point in time.

Historically, Hydro addressed longer-term capital funding requirements by issuing government guaranteed long-term debt in the domestic capital markets. However, in December 2017, Hydro changed its process to one whereby the Province issues debt specifically on Hydro's behalf and lends the proceeds to Hydro. The Province authorized funding up to \$700.0 million, which includes \$225.0 million to repay an outstanding promissory note to the Province through Nalcor, due March 31, 2018. As at December 31, 2017, \$300.0 of the \$700.0 million authorized had been issued.

27.2 Churchill Falls

Churchill Falls' objective when managing capital is to maintain its ability to continue as a going concern. Churchill Falls' requirements for capital in the future are expected to increase, coincident with the aging of the plant and related infrastructure and the execution of the long-term asset management plan. The focus of the capital management policy is to provide flexibility to ensure cash continues to be available to satisfy capital requirements. Managing the level of dividend payments is a key aspect of ensuring the availability of funding to maintain the plant and infrastructure.

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At present, the capital position of Churchill Falls is comprised entirely of equity capital (issued capital, shareholder contributions, reserves and retained earnings). The capital structure is adjusted through the amount of dividends paid to shareholders.

Churchill Falls has issued three irrevocable letters of credit totaling \$2.0 million (2016 - \$2.0 million), \$1.0 million of which does not impact the borrowing limit of the operating credit facility (2016 - \$1.0 million). The letters of credit ensure satisfactory management of its waste management system and compliance with a certificate of approval for the transportation of special and hazardous wastes, granted by the Provincial Department of Environment and Conservation.

28. SUPPLEMENTARY CASH FLOW INFORMATION

For the period ended December 31 (millions of Canadian dollars)	2017	2016
Trade and other receivables	(29)	(11)
Inventories	(17)	(11)
Prepayments	(1)	1
Trade and other payables	15	40
Changes in non-cash working capital balances	(32)	19
Related to:		
Operating activities	(38)	(9)
Investing activities	6	28
	(32)	19

29. SEGMENT INFORMATION

Hydro operates in four business segments. The operating structure as at December 31, 2017 reflects organizational changes that resulted in revised operating segments effective January 1, 2017. The designation of segments is based on a combination of regulatory status and management accountability. Previously reported segmented information has been presented to conform with the current operating structure.

Hydro Regulated activities encompass sales of electricity to customers within the Province that are regulated by the PUB. Hydro Non-Regulated activities include the sale of recapture energy, purchased from Churchill Falls, to mining operations in Labrador West as well as costs of Hydro that are excluded from the determination of customer rates. Churchill Falls operates a hydroelectric generating facility which sells electricity to Hydro-Québec and Hydro. Energy Marketing includes the sale of electricity and transmission to Nalcor Energy Marketing.

	Hydro	Churchill	Energy	Non-Regulated	Inter-	
	Regulated	Falls	Marketing	Activities	Segment	Total
(millions of Canadian dollars)		For th	e year ende	d December 31,	2017	
Energy sales	506	91	3	40	(4)	636
Other revenue	5	1	20	-	3	29
Revenue	511	92	23	40	(1)	665
_						
Fuels	226	-	-	-	-	226
Power purchased	62	-	3	39	(3)	101
Operating costs	130	44	-	1	-	175
Transmission rental	-	-	20	-	_	20
Depreciation and amortization	78	18	-	-	-	96
Net finance expense (income)	65	(1)	-	-	-	64
Other expense	6	-	-	=	=	6
Expenses	567	61	23	40	(3)	688
Preferred dividends	-	(2)	-	-	2	
(Loss) profit before regulatory adjustments	(56)	33	-	-	-	(23)
Regulatory adjustments	(92)	-	-	-	-	(92)
Profit for the year	36	33	-	-	-	69
Capital expenditures*	344	46	-	-	(1)	389
Total assets	2,605	592	32	18	-	3,247

^{*}Capital expenditures include non-cash additions of \$2.7 million contributed by Lower Churchill Management Corporation.

	Hydro Regulated	Churchill Falls	Energy Marketing	Non-Regulated Activities	Inter- Segment	Total
(millions of Canadian dollars)	O	For the	year ended	December 31, 2		
Energy sales	511	96	4	40	(3)	648
Other revenue	4	1	19	-	3	27
Revenue	515	97	23	40	-	675
Fuels	168	-	-	-	-	168
Power purchased	60	-	4	39	(4)	99
Operating costs	124	44	-	5	-	173
Transmission rental	-	-	19	-	-	19
Depreciation and amortization	68	17	-	-	-	85
Net finance expense (income)	71	(1)	-	-	-	70
Other expense	6	-	-	-	-	6
Expenses	497	60	23	44	(4)	620
Preferred dividends	-	(4)	-	-	4	_
Profit (loss) before regulatory adjustments	18	41	-	(4)	-	55
Regulatory adjustments	(1)	-	-	-	-	(1)
Profit (loss) for the year	19	41	-	(4)	-	56
Capital expenditures*	219	41	-	1	-	261
Total assets	2,442	560	57	-	-	3,059

^{*}Capital expenditures include non-cash additions of \$14.9 million contributed by Lower Churchill Management Corporation.

30. SUBSEQUENT EVENT

On March 8, 2018, the Province of Newfoundland and Labrador issued long-term debt with a face value of \$300.0 million, specifically on Hydro's behalf. The debt matures on October 17, 2048 with a coupon rate of 3.70% paid semi-annually. Hydro expects to use a portion of the proceeds to repay the \$225.0 million intercompany loan with Nalcor.

