# Consolidated Financial Statements of NEW BRUNSWICK POWER CORPORATION

For the year ended March 31, 2014



## **Independent Auditor's Report**

To the Honourable Graydon Nicholas, Lieutenant-Governor of New Brunswick, Fredericton, New Brunswick Deloitte LLP Brunswick House 44 Chipman Hill, 7th Floor P.O. Box 6549 Saint John NB E2L 4R9 Canada Tel: (506) 632-1080 Fax: (506) 632-1210 www.deloitte.ca

Sir.

We have audited the accompanying consolidated financial statements of New Brunswick Power Corporation (the "Corporation") which comprise the consolidated balance sheet as at March 31, 2014, and the consolidated statements of earnings, retained earnings, comprehensive income, accumulated other comprehensive income 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 Canadian generally accepted accounting principles, 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 the Corporation as at March 31, 2014 and the results of its operations and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

Deloitte UP

Chartered Accountants June 23, 2014 Saint John, New Brunswick, Canada

# NEW BRUNSWICK POWER CORPORATION CONSOLIDATED STATEMENT OF EARNINGS

(in millions)

For the year ended March 31	2014	2013
Revenues		
Sales of power		
In-province (Note 4)	\$ 1,328	\$1,269
Out-of-province (Note 7)	391	254
Miscellaneous	78	74
Gain on derivatives	-	8
	1,797	1,605
Expenses		
Fuel and purchased power	834	807
Operations, maintenance and administration	437	449
Amortization and decommissioning (Note 8)	230	184
Taxes (Note 9)	36	39
	1,537	1,479
Earnings before undernoted items	260	126
Finance charges (Note 10)	136	143
Regulatory deferrals (Notes 4 and 14)	69	(82)
Net earnings	\$ 55	\$ 65

### **CONSOLIDATED STATEMENT OF RETAINED EARNINGS**

(in millions)

For the year ended March 31	2014	2013
Retained earnings (deficit), beginning of year (Note 3)	\$ 197	\$ 132
Net earnings for the year	55	65
Retained earnings, end of year	\$ 252	\$ 197

# NEW BRUNSWICK POWER CORPORATION CONSOLIDATED BALANCE SHEET

(in millions)

As at March 31		2014		2013
Current Assets				
Cash	\$	3	\$	1
Accounts receivable	Ψ	305	Ψ	254
Materials, supplies and fuel		211		206
Prepaid expenses		8		11
Current portion of long-term receivable (Note 12)		1		1
Current portion of derivative assets (Note 26)		132		18
Current portion of regulatory assets (Note 14)		21		20
		681		511
Property, Plant and Equipment (Note 15)				
Land, buildings, plant and equipment, at cost (Note 15)		8,381		8,244
Less: accumulated amortization		4,309		6,244 4,172
		4,072		4,072
Long-Term Assets				
Nuclear decommissioning and used nuclear fuel management				
funds (Note 16)		611		612
Long-Term receivable (Note 12)		16		17
Sinking funds receivable (Note 13)		404		376
Derivative assets (Note 26)		25		7
Regulatory assets (Note 14) Other assets (Note 17)		1,031 2		1,052 3
		2,089		2,067
		,		
Other Assets				
Intangible asset (Note 18)		21		20
Deferred pension benefit (Note 19)		-		19
		21		39
Total Assets	\$	6,863	\$	6,689

ON BEHALF OF NEW BRUNSWICK POWER CORPORATION

Chairman

President and Chief Executive Officer

# NEW BRUNSWICK POWER CORPORATION CONSOLIDATED BALANCE SHEET

(in millions)

As at March 31	2014	2013
Current Liabilities		
Short-term indebtedness (Note 20) Accounts payable and accruals Accrued interest Current portion of long-term debt (Note 21) Current portion of derivative liabilities (Note 26)	\$ 858 236 46 - 13	\$ 687 227 50 322 60
	1,153	1,346
Long-Term Debt (Note 21)		
Debentures	4,567	4,370
Deferred Liabilities		
Generating station decommissioning and used nuclear fuel management liability (Note 22) Other deferred liabilities (Note 23) Derivative liabilities (Note 26)	635 108 1	587 108 1
	744	696
Shareholder's Equity		
Accumulated other comprehensive income Retained earnings	147 252	80 197
	399	277
Total Liabilities & Shareholder's Equity	\$ 6,863	\$ 6,689

Commitments, contingencies and guarantees (Note 28)

# NEW BRUNSWICK POWER CORPORATION CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME

(in millions)

For the year ended March 31	2014	2013
Net earnings	\$ 55	\$ 65
Other comprehensive (loss) income		
Net unrealized gain on derivatives designated as cash flow		
hedges	221	68
Amortization of deferred interest charges	2	-
Net unrealized gain on mark-to-market of nuclear trust funds	(25)	7
•	198	75
Reclassification to income of earnings on nuclear trust funds	(25)	-
Reclassification to income of settled derivatives designated	, ,	
as cash flow hedges	(106)	51
Other comprehensive (loss) income	67	126
Comprehensive income	\$ 122	\$ 191

# NEW BRUNSWICK POWER CORPORATION STATEMENT OF ACCUMULATED OTHER COMPREHENSIVE INCOME

(in millions)

For the year ended March 31	2014	2013
Accumulated other comprehensive income beginning of year	\$ 80	\$ (46)
Other comprehensive (loss) income for the year	67	126
Accumulated other comprehensive income, end of year	\$ 147	\$ 80

# NEW BRUNSWICK POWER CORPORATION CONSOLIDATED STATEMENT OF CASH FLOWS

(in millions)

For the year ended March 31	2014	2013
Operating Activities		
Net earnings for the year Amounts charged or credited to operations not requiring a	\$ 55	\$ 65
cash payment (Note 24)	273	189
	328	254
Nuclear decommissioning and used nuclear fuel	( )	(22)
management funds installments and earnings Decommissioning and used fuel management	(48)	(23)
expenditures	(14)	(14)
Retirement allowance payout	(14)	-
Regulatory deferrals (Note 14)	20	(129)
Net change in non-cash working capital balances Mark-to-market derivative assets not eligible for hedge	(44)	19
accounting	(5)	(4)
Deferred charges	-	1_
	223	104
Investing Activities		
Expenditure on property, plant and equipment, net of		
customer contributions	(182)	(296)
Proceeds on disposal and non-cash additions	3	2
	(179)	(294)
Financing Activities		
Debt retirements	(384)	(484)
Proceeds from issuance of long-term debt	`18Ó	`452
Increase (decrease) in short-term indebtedness	171	211
Sinking fund changes and foreign exchange on debt	(9)	6
	(42)	185
Net cash (outflow) inflow	2	(5)
Cash, beginning of year	 1	 6
Cash, end of year	\$ 3	\$ 1

For the year ended March 31, 2014 (in millions)

### 1. INCORPORATION AND CORPORATE STRUCTURE

### Incorporation

New Brunswick Power Corporation (NB Power) was established as a Crown Corporation of the Province of New Brunswick in 1920 by enactment of the *New Brunswick Electric Power Act*. In 2004, NB Power continued as New Brunswick Power Holding Corporation with new subsidiary operating companies (collectively the NB Power Group of Companies). On October 1, 2013, NB Power became a single, integrated Crown Corporation. By enactment of the *New Brunswick Electricity Act* the NB Power Group of Companies, Electric Finance Corporation (EFC) and the New Brunswick System Operator (NBSO) were amalgamated into a new vertically integrated Corporation.

NB Power has one wholly-owned subsidiary known as New Brunswick Energy Marketing Corporation (formerly New Brunswick Power Generation Corporation). New Brunswick Energy Marketing Corporation (NB Energy Marketing), a Crown Corporation, conducts energy trading activities in markets outside New Brunswick, both to purchase electricity to serve load in New Brunswick and standard offer service outside New Brunswick, and to market excess energy generated in New Brunswick to other jurisdictions.

### 2. BASIS OF PRESENTATION

The accompanying combined financial statements have been prepared in accordance with Canadian generally accepted accounting principles applied on a basis consistent with the preceding year (see Note 5). The consolidated financial statements include the accounts of NB Power and NB Energy Marketing.

For the year ended March 31, 2014 (in millions)

#### 3. IMPACT OF AMALGAMATION ON PRIOR YEAR'S OPENING RETAINED EARNINGS

On October 1, 2013, the New Brunswick Power Group of Companies, the New Brunswick System Operator and the New Brunswick Electric Finance Corporation amalgamated to form NB Power. All the amalgamated entities were under common control by the Province of New Brunswick and therefore continuity of interest accounting is used in the preparation of these financial statements. The following table illustrates the impact of the amalgamation on the opening retained earnings of the prior year:

April 1, 2013 retained earnings	
Amalgamation impacts:	
EFC retained earnings Add Interest not included in EFC regulatory deferral and other equity adjustment	29 103
NB Power retained earnings	(124)
Revised April 1, 2013 retained earnings	\$ 132

As a result of the amalgamation and use of continuity of interest accounting, certain prior year numbers have changed.

#### 4. RATE REGULATION

NB Power is a rate-regulated utility. The following are the key components of NB Power's regulation.

- Commencing on April 1, 2015 and for each subsequent fiscal year, NB Power shall make an
  application to the New Brunswick Energy and Utilities Board (EUB) for approval of its schedule
  of rates it proposes to charge for its services. For 2014/15 a two per cent rate increase has been
  legislated.
- NB Power must make an application with the EUB for the approval of the Open Access Transmission Tariff (OATT), or for any changes to the Transmission Tariff. NB Power shall, at least once every three years, make an application to the EUB for approval of its transmission revenue requirements. This revenue requirement is intended to collect sufficient revenues to cover its costs and to provide a return of 10 to 12 per cent on a deemed capital structure of 65 per cent debt and 35 per cent capital.
- NB Power shall submit to the EUB for approval in 2014/15 an integrated resource plan and at least once every three years thereafter.
- NB Power shall submit to the EUB for information purposes in 2014/15 and annually thereafter a strategic, financial and capital investment plan covering the next 10 fiscal years.
- NB Power shall make application to the EUB for approval of capital projects exceeding \$50 million and for the aggregate of all those under \$50 million.

For the year ended March 31, 2014 (in millions)

### 4. RATE REGULATION (CONTINUED)

### Regulatory assets and liabilities

Regulatory assets or liabilities may arise as a result of the rate-setting process.

All amounts deferred as regulatory assets and liabilities are subject to legislation or regulatory approval. As such

- the regulatory authorities could alter the amounts subject to deferral, at which time the change would be reflected in the financial statements
- certain remaining recovery and settlement periods are those expected by management and the actual recovery or settlement periods could differ based on regulatory approval.

### Allowance for Funds Used During Construction (AFUDC)

As at March 31, 2014, NB Power has a regulatory asset related to AFUDC which is included in property, plant and equipment for transmission assets (see Note 15). The EUB permits AFUDC to be capitalized monthly on capital construction projects. AFUDC is based on NB Power's weighted average cost of capital and is amortized over the future life of the related asset. It is expected to be recoverable through the OATT.

### Point Lepreau Generating Station refurbishment

For the regulatory deferral related to the Point Lepreau Generating Station (PLGS) refurbishment, the *Electricity Act* has deemed the project to be prudent and the costs and expenses recorded in the deferral account were deemed to be prudent and necessary to carry out the project.

NB Power has a regulatory deferral asset relating to refurbishing PLGS. This asset accumulated the following costs over the refurbishment period (March 28, 2008 to November 23, 2013)

- the normal period costs (net of any revenues) incurred by PLGS
- the costs of replacement power incurred during the refurbishment period

#### less

· costs included in current rates

These amounts will be

- recovered from customers over the refurbished station's operating life
- reflected in charges, rates and tolls to customers (section 139.4 of the Electricity Act)

For the year ended March 31, 2014 (in millions)

### 4. RATE REGULATION (CONTINUED)

### Lawsuit settlement with Petroleos de Venezuela S.A. (PDVSA)

For the regulatory deferral related to the lawsuit settlement with PDVSA (Note 14) the EUB ruled how the settlement benefits would be passed on to customers.

In 2007/08, NB Power recognized a regulatory deferral asset relating to a lawsuit settlement with PDVSA (see Note 14). The settlement's benefits will be

- amortized over the Coleson Cove Generating Station's remaining useful life (23 years at time of the settlement; 16 years as at March 31, 2014)
- passed on to customers over 17 years, as approved by the EUB, on a levelized basis

The regulatory deferral reflects NB Power's obligation to pass the settlement's net benefits on to the customers by reducing future rates. The regulatory deferral is in an asset position because the settlement's net benefits are passed on to the customers faster than they are recognized by NB Power.

### Net earnings adjusted to remove the effects of regulatory accounting

As a rate-regulated entity NB Power applies regulatory accounting. If NB Power did not apply regulatory accounting the net earnings (loss) would be as follows:

	2014	2013
Net earnings	55	65
Less regulatory deferral adjustment to earnings	69	(82)
Less interest on deferral (reduction to finance charges)	(49)	(47)
Net earnings (loss) adjusted to remove the effects of regulatory		
accounting	75	(64)

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES

This describes the accounting policies used in preparing the financial statements. It contains the following sections

- a. Materials, supplies and fuel inventory
- b. Property, plant and equipment
- c. Intangible asset
- d. Foreign-exchange transactions
- e. Long-term debt
- f. Asset-retirement obligations
- g. Pension plans
- h. Retirement allowance
- i. Early retirement programs
- j. Revenues
- k. Financial instruments
- I. Derivatives
- m. Consolidation of variable interest entities
- n. Use of estimates

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### a. Materials, supplies and fuel inventory

Inventories are recorded at the lower of costs or net realizable value. Inventories of materials, supplies and fuel other than nuclear fuel are valued at average cost. Nuclear fuel is valued at cost using the first-in, first-out method.

### b. Property, plant and equipment

### Cost of additions

The cost of additions to property, plant and equipment is the original cost of

- · contracted services
- direct labour and material
- interest and allowance for funds used during construction
- indirect charges for administration
- · asset retirement obligations
- salvage value
- other expenses related to capital projects

#### less

- credits for the value of power generated during commissioning
- contributions in aid of construction, which include customer contributions, and research and development grants
- recovery of capital from lawsuit and insurance settlements

### Generating station decommissioning and management of used nuclear fuel

Property, plant and equipment also includes the present value of asset retirement obligations related to

- the management of used nuclear fuel
- decommissioning of the nuclear and thermal generating stations

### Interest and allowance for funds used during construction (AFUDC)

Interest during construction is capitalized monthly based on the weighted average cost of long-term debt, except for transmission assets where AFUDC is capitalized monthly on capital projects based on the weighted average cost of capital.

### Cost of retired distribution system assets

The cost of distribution system assets retired, net of dismantlement and salvage, is charged to accumulated amortization as deemed appropriate by the New Brunswick Board of Commissioners of Public Utilities (formerly the PUB now the EUB).

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### b. Property, plant and equipment (continued)

#### Asset amortization

Amortization is provided for all assets sufficient to amortize the net cost of such assets over their estimated useful lives.

### Estimated service lives

The estimated service lives of property, plant and equipment are periodically reviewed and any changes are applied prospectively.

The main categories of property, plant and equipment are being amortized on a straight-line basis based on the following estimated service lives

Assets	Years
Power generating stations	
Nuclear generating station	10 - 57
Hydro generating stations	9 - 100
Thermal generating stations	6 - 53
Combustion turbine generating stations	10 - 40
Transmission system	10 - 60
Terminals and substations	17 - 56
Distribution system	16 - 48
Buildings	45 - 50
Computer systems	6
Motor vehicles	8 - 20

### Recognizing impairment

NB Power evaluates its property, plant and equipment to identify impairment whenever conditions indicate that estimated undiscounted future net cash flows may be less than the net carrying amount of assets. If impairment is identified, an impairment loss will be recognized in earnings equal to the amount by which the carrying amount exceeds the fair value.

### c. Intangible assets

The intangible assets are recorded at cost on the balance sheet and amortized over their estimated useful lives (see Note 18).

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### d. Foreign exchange transactions

Monetary assets and liabilities denominated in foreign currencies

- may be hedged using a forward exchange contract
- are translated to Canadian dollars as follows

If a forward exchange contract	Then the exchange rate used is
is not in place	the exchange rate prevailing at the balance sheet date
is in place	the exchange rate established by the terms of the contract

Exchange gains and losses resulting from foreign currency translation are reflected in earnings.

### e. Long-term debt

Long-term debt is classified as other liabilities for financial instrument purposes and is recorded at the amortized cost using the effective-interest method (see Note 5k). The estimated fair value of long-term debt is disclosed in the notes to the financial statements using market values or estimates of market values based on debt with similar terms and maturities. Debentures discounts and premiums and deferred interest related to debt financing, are amortized over the lives of the issues to which they pertain. These unamortized debt costs are included in long-term debt.

### f. Asset-retirement obligations

This describes the accounting policies related to asset-retirement obligations. It contains information on the

- nuclear and thermal generating stations
- hydro generating stations, transmission and distribution assets

### Nuclear and thermal generating stations

NB Power provides for the estimated future costs of managing used nuclear fuel and decommissioning the nuclear and thermal generating stations to return the sites to a state of unrestricted use.

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### f. Asset retirement obligations (continued)

### Calculations of anticipated costs

The calculations of the anticipated future costs are based on detailed studies that take into account various assumptions regarding

- the method and timing of dismantling the nuclear and thermal generating stations
- the cost of transporting nuclear material to permanent storage facilities
- estimates of inflation rates in the future

NB Power reviews such calculations periodically due to

- potential developments in the decommissioning and used nuclear fuel management technologies
- changes in the various assumptions and estimates inherent in the calculations

NB Power recognizes these liabilities taking into account the time value of money.

### Calculation methodology

The Nuclear Waste Management Organization (NWMO) was established by the *Nuclear Fuel Waste Act (NWFA)*. The methodology used by NB Power to calculate the liability for used nuclear fuel management is consistent with the NWMO's recommendations as approved by Natural Resources Canada.

### Costs recognized as liabilities

The estimated present values of the following costs have been recognized as a liability as at March 31, 2014

- the fixed cost portion of used nuclear fuel management activities, which are required regardless of the volume of fuel consumed
- the variable cost portion of used nuclear fuel management activities to take into account actual fuel volumes incurred up to March 31, 2014
- the costs of decommissioning the nuclear and thermal generating stations at the end of their useful lives

The liability for used nuclear fuel management is increased for the cost of disposing the nuclear fuel bundles used each year with the corresponding amounts charged to operations through fuel expense.

The liability accounts are charged for current expenditures incurred related to the following

- used nuclear fuel management
- nuclear and thermal plant decommissioning

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### f. Asset retirement obligations (continued)

### Accretion expense

Accretion is the increase in the carrying amount of the liability due to the passage of time.

Accretion is calculated on the liabilities for used nuclear fuel management and nuclear and thermal plant decommissioning. Specifically, the accretion expense is

- calculated using NB Power's credit adjusted risk-free rate (see discount rate in Note 22)
- included with amortization expense

### Hydro generating stations, transmission and distribution assets

No removal date can be determined for hydro generating stations, transmission and distribution assets. Consequently, a reasonable estimate of the fair value of any related asset retirement obligations cannot be made at this time.

- Hydro generating stations
   NB Power currently has no intention and is not legally obligated to decommission its hydro generating stations. With either maintenance efforts or rebuilding, the assets are expected to be used for the foreseeable future.
- Transmission and distribution assets
   NB Power expects to use the majority of its transmission and distribution assets for an indefinite period of time.

If at some future date it becomes possible to estimate the fair-value cost of removing assets that NB Power is legally required to remove, an asset retirement obligation will be recognized at that time.

### g. Pension plans

NB Power employees are members of the Province of New Brunswick Public Service Shared Risk Plan (PSSRP).

The PSSRP is a multi-employer, defined-benefit plan. Contributions are made by both NB Power and the employees. As a result of converting to the PSSRP, NB Power's attribution of the assets and liabilities is no longer valid and thus the information required to account for the pension plan using defined benefit accounting is no longer available. Since the information is no longer available, the PSSRP is accounted for using the defined contribution accounting.

The former Mine Reclamation Inc. employees are members of the Pension Plan for Employees of NB Coal Limited. The Pension Plan for Employees of NB Coal Limited is a private defined benefit pension plan for its former employees.

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### h. Retirement allowance

NB Power has a retirement allowance program for certain employees. The program provides a lump-sum payment equal to one week of pay for each full year of employment to a maximum of 26 weeks of pay.

The present value of accrued retirement allowance obligations

- is based on actuarial calculations
- incorporates management's best estimate assumptions on salary and wage projections to expected retirement dates
- is amortized on a straight-line basis over the expected average remaining service life of the employee group

### i. Early retirement programs

The present value of the estimated future costs of early retirement programs is charged to earnings in the year the program is accepted by employees, irrespective of when payments are actually made.

### j. Revenues

### Recognizing revenues

NB Power recognizes revenue when

- persuasive evidence of an arrangement exists
- · delivery has occurred
- the price to the buyer is fixed or determinable
- · collection is reasonably assured

### Billing schedule

Billing occurs monthly, according to the table below. Revenue in respect of items not billed at the end of a fiscal period is estimated and accrued.

Customer type	Billing schedule
residential	on a cyclical basis (i.e. the date on which a customer is billed
<ul> <li>general service</li> </ul>	each month varies from one customer to the next)
<ul> <li>most industrial customers</li> </ul>	
industrial transmission	at the end of each month
wholesale	
out-of-province customers	

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### k. Financial instruments

A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity (e.g. accounts receivable/accounts payable).

Financial assets and financial liabilities are initially recognized at fair value and their subsequent measurement is dependent on their classification as described below. Their classification depends on the purpose for which the financial instruments were acquired or issued and their characteristics. The instruments are designated into one of the five following categories.

- held for trading
- loans and receivables
- available for sale
- other liabilities
- held to maturity

### Held for trading

Financial assets and liabilities in this category are typically acquired with the intention of reselling them prior to maturity. NB Power can choose to designate any financial asset or liability as being held for trading.

The following are classified as held-for-trading assets

- cash
- pooled funds portion of the segregated funds
- derivative assets not in a hedging relationship

The following is classified as a held-for-trading liability

· derivative liabilities not in a hedging relationship

### Accounting for held-for-trading assets and liabilities

These assets and liabilities are measured at fair value at the balance sheet date. Changes in fair value are included in net earnings. These include

- interest earned
- interest accrued
- realized gains and losses
- unrealized gains and losses

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### k. Financial instruments (continued)

### Loans and receivables

Loans and receivables include accounts receivable and are accounted for at amortized cost using the effective-interest method.

#### Available for sale

Available-for-sale financial assets are those non-derivative financial assets that are not classified as loans and receivables, held-to-maturity or held-for-trading investments. Available-for-sale assets include

- used nuclear fuel trust fund
- · fixed income portion of segregated funds

### Accounting for available-for-sale assets

Available-for-sale-financial assets are recorded as follows

Asset	Accounting treatment
with quoted market prices in an active market	<ul> <li>carried at fair value with</li> <li>unrealized gains and losses recognized outside net earnings, in other comprehensive income</li> <li>gains and losses transferred to net earnings when they are realized</li> </ul>
without quoted market prices in an active market	carried at cost

Interest on interest-bearing available-for-sale financial assets is calculated using the effective-interest method.

### Other liabilities

All NB Power's financial liabilities, except for derivative liabilities designated as held for trading, are included in this category. They are recorded at amortized cost, using the effective-interest method.

### Effective-interest method and transaction costs

NB Power uses the effective-interest method to recognize interest income or expense on the above noted financial instruments. The effective-interest method discounts estimated future cash payments over an instrument's expected life, or a shorter period if appropriate, down to the net carrying amount at the balance sheet date. The calculation includes earned or incurred

- transaction costs
- fees
- premiums
- discounts

Transaction costs associated with held-for-trading instruments are expensed as they are incurred.

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### k. Financial instruments (continued)

#### Fair value

The financial instruments carried at fair value are classified using a fair-value hierarchy which has three levels (see Note 26). The hierarchy is based on the inputs used in making the fair-value measurement.

#### I. Derivatives

A derivative is a financial instrument or other contract with all three of the characteristics below

- value changes with underlying variable (e.g. market index)
- little or no initial investment required
- settled at a future date

Under derivative contracts, NB Power settles amounts based on the difference between an index-based monthly cumulative floating price and a fixed price. The resultant fixed price is reflected in net earnings.

### Derivative use and documentation

NB Power uses derivatives to manage or "hedge" certain exposures. It does not use them for speculative or trading purposes. Certain derivative financial instruments held by NB Power are eligible for hedge accounting. To be eligible for hedge accounting, NB Power formally documents

- all relationships between hedging instruments and hedged items at their inception
- its assessment of the effectiveness of the hedging relationship
- · its hedging objectives and strategy underlying various hedge transactions

This process includes linking all derivatives to specific assets and liabilities on the balance sheet or to specific forecasted transactions.

### Accounting for derivatives

Derivatives eligible for hedge accounting are recognized on the balance sheet at their fair value. The accounting for changes in fair value depends on their effectiveness as hedges. In broad terms, a derivative is an effective hedge of another item when changes in their fair value or cash flows closely offset each other. Due to the nature of some of the hedging relationships the fair values or cash flows do not perfectly offset, which represents the ineffective portions.

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### I. Derivatives (continued)

Different portions of changes in a derivative's fair value are recognized as follows

This portion	is recognized in
effective	other comprehensive income, outside net
	earnings for the year
ineffective	net earnings

If a hedging instrument is sold or terminated before it matures, or if it ceases to be effective as a hedge

- NB Power ceases hedge accounting at that point
- any gains or losses previously accumulated in other comprehensive income are then recognized immediately in net earnings

#### m. Consolidation of variable interest entities

Variable interest entities refers to entities subject to consolidation according to the provisions of the CICA accounting guidelines AcG-15.

NB Power's nuclear fund investments include an investment in a pooled fund, of which NB Power is the primary beneficiary of the fund. As a result, NB Power has consolidated the underlying investments in this fund.

NB Power has several variable interests in the form of power purchase contracts with third-party corporations. NB Power has not consolidated the financial results of these third-party entities.

### Rationale: all contracts except one

For all of these contracts except one, it was determined that there is an insignificant amount of variability being absorbed by NB Power as a result of these contracts and therefore consolidation is inappropriate.

### Rationale: the exception

There is one purchase power contract to purchase all of the capacity and electrical energy produced by a 90 MW co-generation facility that began production in December 2004. Purchases under this contract were \$70 million for the year ended March 31, 2014 as compared to \$51 million for the year ended March 31, 2013.

NB Power has been unable to obtain the necessary information and has therefore been unable to assess whether the third-party corporation is a variable interest entity. As a result, NB Power has not consolidated the financial results of this third-party entity.

For the year ended March 31, 2014 (in millions)

### 5. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### n. Use of estimates

The preparation of financial statements that conform to generally accepted accounting principles requires management to make estimates and assumptions that affect

- the reported amounts of assets and liabilities at the date of the financial statements
- the reported amounts of revenues and expenses during the reporting period

Actual results could differ from the estimates. The following table lists the notes that refer to these estimates

Note reference	Estimate
Note 5b	Property, plant and equipment
Note 5j	Revenues (billing estimates)
Note 8	Amortization and decommissioning of property, plant and equipment
Note 14	Regulatory assets and liabilities
Note 16	Nuclear decommissioning and used nuclear fuel management funds
Note 19	Deferred pension benefit
Note 22	Generating station decommissioning and used nuclear fuel management liability
Note 23	Deferred liabilities - other
Note 26	Financial instruments
Note 28	Commitments, contingencies and guarantees

#### 6. CHANGES IN ACCOUNTING POLICIES

### Policies that have changed during the year ended March 31, 2014

There were no changes impacting the financial statements during the year ended March 31, 2014.

### **Future accounting changes**

### International Financial Reporting Standards (IFRS)

This describes the issues and impact on NB Power relating to implementing IFRS.

### Key dates

Date	Event
April 1, 2015	The transition date for NB Power.
	This will require the restatement, for comparative purposes, of amounts reported by NB Power for its year ended March 31, 2015 and of the opening balance sheet as at April 1, 2014.

For the year ended March 31, 2014 (in millions)

### 7. OUT-OF-PROVINCE REVENUES

Out-of-province revenues were as follows

	2014	2013
American customers	\$ 267	\$ 150
Canadian customers	124	104
Out-of-province revenues	\$ 391	\$ 254

### 8. AMORTIZATION AND DECOMMISSIONING

	2014	2013
Amortization	\$ 198 \$	153
Decommissioning	32	31
Amortization and decommissioning	\$ 230 \$	184

### 9. TAXES

	2014	2013
Property taxes	\$ 20	\$ 22
Utility and right of way taxes	16	17
Taxes	\$ 36	\$ 39

For the year ended March 31, 2014 (in millions)

### 10. FINANCE CHARGES

	2014	2013
Interest expense	\$ 222 \$	249
Less: Earnings from trust funds, sinking funds and other		
investments	(87)	(40)
	135	209
Debt portfolio management fee	32	31
Foreign exchange (gains) or losses	22	2
	189	242
Less: Interest capitalized	(53)	(99)
Finance charges	\$ 136 \$	143

### Interest paid during the year

Interest paid during the year was \$227 million compared to \$254 million in 2013. Interest received on investments and sinking fund earnings during the year was \$89 million compared to \$38 million in 2013.

### 11. CAPITAL MANAGEMENT

NB Power's objectives with respect to its capital structure are to maintain effective access to capital on a long-term basis at the lowest possible cost to customers. NB Power's borrowings are completed with the Province of New Brunswick. NB Power is predominantly debt financed.

NB Power's capital structure includes the following

At March 31	2014	2013
Long-term debt payable within one year Less: Cash	\$ - \$ (3)	322 (1)
Short-term indebtedness Long-term debt Derivative liability associated with debt Sinking fund receivable	(3) 858 4,567 - (404)	321 687 4,370 60 (376)
Total net debt <sup>1</sup> Retained earnings	5,018 252	5,062 197
Total capital  Percentage of net debt <sup>1</sup> in capital structure	\$ 5,270 \$ 95%	5,259 96%

<sup>&</sup>lt;sup>1</sup> Net debt is long-term debt, short-term debt, derivatives associated with debt, sinking funds receivable and cash

For the year ended March 31, 2014 (in millions)

### 12. LONG-TERM RECEIVABLE

In 2013, NB Power sold certain distribution assets to a third party. The transaction was partially offset by a purchase of water heater assets from the same third party. This transaction resulted in a long-term receivable with a net balance of \$18 million, which will be collected over 20 years with interest at a rate of 3.85% per annum.

Long-term receivable	 2014	2013
Opening balance	\$ 18 \$	18
Payments made	(1)	-
	17	18
Less current portion	(1)	(1)
Ending balance	\$ 16 \$	17

### 13. SINKING FUNDS RECEIVABLE

Pursuant to section 12 of the *Provincial Loans Act*, the Minister of Finance maintains a General Sinking Fund for the repayment of funded debt. NB Power pays the Province of New Brunswick one per cent of its outstanding debt annually; this will be returned to NB Power when the corresponding debt issue matures.

The following table shows the activity in the sinking funds for fiscal years ending March 31:

2014	2013
\$ 376 \$	378
16	16
22	4
46	47
(56)	(69)
\$ 404 \$	376
\$	16 22 46 (56)

For the year ended March 31, 2014 (in millions)

#### 14. **REGULATORY ASSETS AND LIABILITIES**

NB Power has regulatory assets totaling \$1,052 million at March 31, 2014 compared to \$1,072 at March 31, 2013. A reconciliation of the two regulatory assets is as follows

Regulatory asset (liability) - lawsuit settlement with PDVSA	2014	2013
Opening balance	\$ 52	\$ 53
Deferral adjustment on Statement of Earnings Amortization and interest savings Levelized benefit to customers <sup>2</sup>	(26) 23	(27) 23
Interest on deferral	(3) 2	(4) 3
	(1)	(1)
Closing balance	\$ 51	\$ 52
Regulatory asset - Point Lepreau Generating Station deferral	2014	2013
Opening balance	\$ 1,020	\$ 890
Deferral adjustment on Statement of Earnings Period costs Additional costs to supply energy Offset for costs included in current rates Amortization of deferral	- - - (66)	132 100 (123) (23)
Interest on deferral	(66) 47	86 44
Closing balance Current portion of regulatory assets <sup>3</sup> Long term portion of regulatory assets	\$ 1,001 21 1,031	\$ 1,020 20 1,052
Total regulatory assets	\$ 1,052	\$ 1,072
Regulatory deferral adjustment to earnings	2014	2013
Lawsuit settlement with PDVSA	\$ 3	\$ 4
Point Lepreau Generating Station deferral	66	(86)
Regulatory deferral adjustment to earnings	\$ 69	\$ (82)

<sup>&</sup>lt;sup>2</sup> Relates to the current year portion of the projected benefits of the lawsuit settlement that are passed onto customers on a levelized basis over the next 10 years.

Represents amounts due from customer in current year.

For the year ended March 31, 2014 (in millions)

### 15. PROPERTY, PLANT AND EQUIPMENT

Cost, accumulated amortization and net book value for property, plant and equipment is as follows

	Cost	2014 Accumulated amortization	Net book value	Cost	2013 Accumulated amortization	Net book value
Power generating stations \$	6,021	\$ 3,098\$	2,923\$	6,006	\$ 2,990\$	3,016
Transmission system	404	211	193	398	206	192
Terminals and substations	559	313	246	545	314	231
Distribution system	914	461	453	875	447	428
Buildings and properties	67	41	26	64	40	24
Computer systems	138	123	15	138	115	23
Motor vehicles	82	45	37	80	43	37
Miscellaneous assets	41	17	24	41	17	24
Construction-in-progress	155	-	155	97	-	97
Total \$	8,381	\$ 4,309\$	4,072\$	8,244	\$ 4,172\$	4,072

The charge for equity capital (allowance for funds used during construction) included for 2014 was \$1 million compared to \$1 million in 2013.

For the year ended March 31, 2014 (in millions)

### 16. NUCLEAR DECOMMISSIONING AND USED NUCLEAR FUEL MANAGEMENT FUNDS

This describes the segregated funds established by NB Power regarding nuclear decommissioning and used fuel management. It contains information on the following

- fund requirements
- NB Power's funds
- status of NB Power's funds.

### Fund requirements

The *Nuclear Fuel Waste Act* requires owners of used nuclear fuel in Canada to establish trust funds to finance the long-term management of used nuclear fuel. In June 2007, the Government of Canada announced its decision to accept the long-term disposal plan proposed by the Nuclear Waste Management Organization. This is an entity created by the *Nuclear Fuel Waste Act* and owned by major owners of nuclear used fuel.

The Canadian Nuclear Safety Commission (CNSC) requires NB Power to maintain certain segregated funds to meet license conditions for the Point Lepreau Generating Station. The money contained in these established funds will be used to meet the *Nuclear Fuel Waste Act* requirements.

#### NB Power's funds

NB Power has established the following funds, each held in a custodial account.

Fund	Trustee	Purpose	Funding requirement
Decommissioning segregated fund and used nuclear fuel segregated fund	Provincial Minister of Finance	To meet the license conditions for the Point Lepreau Generating Station set by the CNSC	Established yearly based on the current obligations and market value of the funds. The amount of the contribution in the 2013/14 year was nil (2012/13 - nil).
Used nuclear fuel trust fund	Federal Minister of Finance	To meet the Nuclear Fuel Waste Act and to meet the CNSC requirements	The Act requires NB Power to deposit to the trust fund an amount based on the approved funding formula.  The amount of the contribution in the 2013/14 year was \$5 million (2012/13 - \$5 million).

For the year ended March 31, 2014 (in millions)

# 16. NUCLEAR DECOMMISSIONING AND USED NUCLEAR FUEL MANAGEMENT FUNDS (CONTINUED)

### Status of NB Power's funds

The status of each fund is as follows

	2014	2013
Nuclear Decommissioning Fund Decommissioning segregated fund	\$ 267 \$	199
Used Nuclear Fuel Management Funds  1. Used nuclear fuel segregated fund	236	310
Used nuclear fuel trust fund	108	103
	344	413
Total nuclear decommissioning and used nuclear fuel		
management funds <sup>4</sup>	\$ 611 \$	612

### 17. OTHER ASSET

NB Power entered into a 15-year agreement to have an outside party build and operate an ash separation facility at the Belledune Generating Station to process the fly ash produced at the plant. The \$6 million investment in 2007 represents NB Power's required share of the cost of the facility. Pursuant to this agreement, NB Power will receive royalties on the sale of the processed ash over the term of the agreement. In addition the removal of fly ash by the outside party reduces NB Power's disposal/storage costs. The investment is being amortized on a straight-line basis over the life of the agreement.

	2014	2013
Ash separation asset	\$ 2 \$	3

<sup>&</sup>lt;sup>4</sup> Includes a mark-to-market adjustment at March 31, 2014 of \$59 million as compared to \$107 million at March 31, 2013.

For the year ended March 31, 2014 (in millions)

### 18. INTANGIBLE ASSET

In 2008, NB Power purchased the Nepisiguit Generating Station. The purchase consisted of land, a dam, equipment and the assignment of a statutory right to generate electricity on the Nepisiguit River.

The estimated fair market value of the assignment of rights was \$22 million and is being amortized over the remaining useful life of the facility (50 years).

### Other intangible assets include:

- A customer list related to the purchase of the water heater business from a third party. The purchase consisted of water heaters plus the customer list (the benefit to include more customers in the Reduce and Shift Demand initiatives). The customer list is valued at \$1 million and is being amortized over 20 years.
- Licenses for Enterprise Resource Planning software. This is being amortized over six years.

	2014	2013
Intangible asset Nepisiguit Falls	\$ 22 \$	22
Accumulated amortization Nepisiguit Falls	(3)	(3)
· · ·	19	19
Other intangible assets	2	1
Accumulated amortization other intangible assets	-	-
	2	1
	\$ 21 \$	20

For the year ended March 31, 2014 (in millions)

### 19. DEFERRED PENSION BENEFIT

This describes details associated with NB Power's deferred pension benefit. It contains information on the following

- applicable pension plans
- assumptions
- costs
- assets and obligations.

### Applicable pension plans

On January 1, 2014, the Province of New Brunswick converted the Province of New Brunswick Public Service Superannuation plan to a shared risk pension plan. It is now known as the Public Service Shared Risk Plan (PSSRP). NB Power employees are members of the PSSRP as described in Note 5(g). An actuarial valuation of the plan was done as at January 1, 2014. Due to the substantive changes to the plan, NB Power's attribution of the assets and liabilities is no longer valid and thus the information required to account for the pension plan using defined benefit accounting is no longer available. Since the information is no longer available, the PSSRP is accounted for using the defined contribution accounting.

The former Mine Reclamation Inc. employees are members of the Pension Plan for Employees of NB Coal Limited. The pension assets and liabilities of this plan are measured as at March 31, 2014. The most recent actuarial valuation for funding purposes for the Pension Plan for Employees of NB Coal Limited was completed as at January 1, 2011. The next valuation for funding purposes is required to be completed as at January 1, 2014 (during fiscal 2014/15).

### **Assumptions**

Management's significant assumptions on the Pension Plan for Employees of NB Coal Limited include the following

	2014	2013
	(%)	(%)
Discount rate used to determine the accrued benefit obligation	3.80	3.60
Expected long-term rate of return on plan assets	3.80	3.60

#### Costs

The costs recognized and included in operations, maintenance and administration expense for the year are

	2014	2013
Current service cost	\$ - \$	27
Interest on accrued benefit obligation	-	79
Actual (gain) on plan assets	-	(93)
Difference between actual and expected return on plan assets	-	17
Actuarial losses on accrued benefit obligation	-	320
Difference between actuarial loss recognized for the year and		
actuarial loss on accrued benefit obligation for the year	-	(292)
Amortization of transitional asset	-	(3)
Settlement loss	19	-
Contributions	18	-
	\$ 37 \$	55

For the year ended March 31, 2014 (in millions)

### 19. DEFERRED PENSION BENEFIT (CONTINUED)

### Assets and obligations

The status of the assets and obligations of NB Power's share of the Public Service Superannuation Plan and the private plan of Mine Reclamation Inc. as at March 31 was as follows

	2014	2013
Pension fund assets at fair value	\$ 5	\$ 1,184
Accrued benefit obligation	(5)	(1,977)
Pension deficit	-	(793)
Unamortized transitional asset	-	(10)
Unamortized losses	-	822
Deferred pension benefit	\$ -	\$ 19

### 20. SHORT-TERM INDEBTEDNESS

NB Power borrows funds for temporary purposes from the Province of New Brunswick. The short-term borrowings due to the Province of New Brunswick were \$858 million at March 31, 2014, as compared to \$687 at March 31, 2013.

#### 21. LONG-TERM DEBT

NB Power borrows funds from the Province of New Brunswick to finance long-term requirements. This provides details around NB Power's long-term debt. It contains information on

- year-end long-term borrowings
- terms
- interest rates
- debt portfolio management fee
- principal repayments

For the year ended March 31, 2014 (in millions)

### 21. LONG-TERM DEBT (CONTINUED)

### Year-end long-term borrowings

Long-term borrowings at year-end were as follows

	2014	2013
Debentures held by the Province of New Brunswick	\$ 4,566 \$	4,687
Commercial loan	-	2
	4,566	4,689
Unamortized Discounts and premiums	1	3
	4,567	4,692
Less: Current portion	-	(322)
Long-term debt	\$ 4,567 \$	4,370

### **Terms**

The maturity dates of the debentures range from 2015 to 2065. The debentures will be paid in full at their maturity date.

#### Interest rates

All but two of the debentures bear interest at fixed rates ranging from 2.15 to 9.75 per cent. The weighted average coupon interest rate on all debentures outstanding at March 31, 2014 is 4.55 per cent as compared to 4.80 per cent at March 31, 2013. The exception is two floating rate issues whose interest rate is reset on a quarterly basis and is based on the Canadian Dealer Offered Rate (CDOR) plus 4 basis points. At March 31, 2014, the CDOR rate plus 4 basis points was 1.306 per cent.

For the year ended March 31, 2014 (in millions)

### 21. LONG-TERM DEBT (CONTINUED)

### Debt portfolio management fee

NB Power pays an annual debt portfolio management fee to the Province of New Brunswick amounting to 0.65 per cent of the total long-term debt and short-term indebtedness, less the balance held in Sinking Funds Receivable (Note 13), measured as at the beginning of the fiscal year.

### Principal repayments

Long-term debt principal repayments are due as follows

Year Ending	Principal Repayment		
March 31, 2015 - current portion	\$		
March 31, 2016		580	
March 31, 2017		400	
March 31, 2018		420	
March 31, 2019		230	
March 31, 2020 and thereafter		2,936	
Long-term portion	\$	4,566	

## 22. GENERATING STATION DECOMMISSIONING AND USED NUCLEAR FUEL MANAGEMENT LIABILITY

This provides details of NB Power's asset retirement obligations. It contains information on

- nature of the liability
- · assumptions used for the liabilities
- · liabilities at year-end

### Nature of the liability

Details of the liabilities are as follows

Liability	Nature	Funding Details
Thermal generating station decommissioning	Cost of decommissioning the thermal generating stations after the end of their service lives	The liability is not funded
Nuclear generating station decommissioning	Cost of decommissioning the nuclear generating station after the end of its service life	See Note 16 for details on the funding of this liability
Used nuclear fuel management	Cost of interim and long-term management of used nuclear fuel bundles generated by the nuclear generating station	See Note 16 for details on the funding of this liability

For the year ended March 31, 2014 (in millions)

# 22. GENERATING STATION DECOMMISSIONING AND USED NUCLEAR FUEL MANAGEMENT LIABILITY (CONTINUED)

### Assumptions used for the liabilities

The key assumptions on which the liabilities were based are as follows

	Thermal	Nuclear	Used nuclear fuel
	decommissioning	decommissioning	management
Undiscounted amount of			
estimated cash flows to settle			
liability			
- 2014	\$ 175	\$ 951	\$ 703
- 2013	\$ 165	\$ 925	\$ 676
Reason for the increase or	Decommissioning	Escalation and	Escalation and
decrease	spending offset by	changes to the liability	changes to the liability
	escalation and	resulting from updated	resulting from updated
	changes to the liability	cost estimates and	cost estimates and
	resulting from updated	revisions to timing of	revisions to timing of
	cost estimates and	cash flows.	cash flows.
	revisions to timing of		
	cash flows.		
Cash expenditures required	2039	2081	2164
until the year			
Rate used to discount cash			
flows			
- for initial recognition of the			
liability	7.1%	7.1%	7.1%
- for subsequent recognition of			
additional liability	4.3% to 6.3%	4.3% to 5.9%	4.3% to 5.9%
Escalation rate to determine			
asset retirement obligation	1.8% to 2.5%	2.0%	1.9% to 4.1%

For the year ended March 31, 2014 (in millions)

# 22. GENERATING STATION DECOMMISSIONING AND USED NUCLEAR FUEL MANAGEMENT LIABILITY (CONTINUED)

### Liabilities at year-end

The liabilities for thermal generating and nuclear generating stations decommissioning and used nuclear fuel management consists of the following

		2014		2013
Thermal generating station decommissioning liability				
Balance, beginning of year	\$	106	\$	114
Add: Liabilities incurred, including revisions to cash flows		14		(4)
Add: Accretion expense		6		6
Less: Expenditures		(10)		(10)
Balance, end of year	\$	116	\$	106
Nuclear generating station decommissioning liability				_
Balance, beginning of year	\$	198	\$	164
Add: Liabilities incurred, including revisions to cash flows	·	7	·	24
Add: Accretion expense		11		10
Balance, end of year	\$	216	\$	198
Used nuclear fuel management liability				
Balance, beginning of year	\$	283	\$	271
Add: Liabilities incurred, including revisions to cash flows		7		-
Add: Accretion expense		15		15
Less: Expenditures		(2)		(3)
Balance, end of year	\$	303	\$	283
Total generating station decommissioning and used nuclear fuel	ф	005	Φ	507
management liability	\$	635	\$	587

For the year ended March 31, 2014 (in millions)

### 23. DEFERRED LIABILITIES - OTHER

This provides details around NB Power's other deferred liabilities. It contains information on the following

- early retirement liability
- retirement allowance liability
- environmental liability.

The table below summarizes NB Power's deferred liabilities - other

	2014	2013
Early retirement programs	\$ 68	\$ 69
Retirement allowance program	28	26
Other future employee benefits payable	8	7
Land reclamation	1	3
Environmental liability	10	10
Less: amounts due within one year <sup>5</sup>	115 (7)	115 (7)
Deferred liabilities - other	\$ 108	\$ 108

 $<sup>^{\</sup>rm 5}$  Amounts due within one year are included in accounts payable and accruals.

For the year ended March 31, 2014 (in millions)

# 23. DEFERRED LIABILITIES - OTHER (CONTINUED)

### Early retirement liability

NB Power has an unfunded early retirement program as described in Note 5(i). The latest actuarial calculation to estimate the liability was completed as at April 1, 2012.

#### The table shows

- Management's significant assumptions
- the costs recognized for the period
- the status of the obligation of NB Power at year-end

	2014	2013
Assumption		
Discount rate used to determine the early retirement liability	4.20%	4.30%
Cost		
Current service cost Interest on early retirement liability	\$ 1 5	\$ 3 5
Costs recognized for the year	\$ 6	\$ 8
Obligation Accrued benefit obligation Unamortized losses	\$ 86 (18)	\$ 89 (20)
Early retirement liability	\$ 68	\$ 69

For the year ended March 31, 2014 (in millions)

### 23. DEFERRED LIABILITIES - OTHER (CONTINUED)

#### Retirement allowance liability

NB Power has an unfunded retirement allowance program as described in Note 5(h). The latest actuarial calculation to estimate the liability was completed as at April 1, 2012. In 2013, NB Power announced that it would be phasing out the retirement allowance for non-union employees and the employees in the corporate services union. Accumulation of service, for the purposes of calculating retirement allowance, ceased on April 30, 2013. This resulted in a curtailment and a settlement of the retirement allowance plan.

### **Assumptions**

Management's significant assumptions include the following

	2014	2013
	(%)	(%)
Discount rate used to determine the accrued benefit obligation	4.20	4.30
Expected salary increases	2.50	2.50

#### This table shows

- · the costs recognized for the year
- · the status of the obligation of NB Power at year-end

		2014		2013
Costs recognized for the year				
Current service cost	\$	2	\$	2
Interest on retirement allowance liability		5		4
Curtailment loss		5		-
Settlement loss		4		
Costs recognized for the year	\$	16	\$	6
Olifornia				
Obligation	•		•	40
Accrued benefit obligation	\$		\$	49
Unamortized losses		(13)		(23)
Retirement allowance liability	\$	28	\$	26

For the year ended March 31, 2014 (in millions)

### 23. DEFERRED LIABILITIES - OTHER (CONTINUED)

#### Environmental liability

NB Power has a long-term plan to treat acidic water drainage from an inactive mine. NB Power has recognized an unfunded environmental liability equal to the net present value of the expected future costs using a discount rate of 7.75% for the initial recognition of the liability and 4.39% for subsequent future cash flows.

The liability is as follows

	2014	2013
Balance, beginning of year	\$ 10 \$	10
Add: Accretion expense	1	1
Less: Revision to cash flows	-	(1)
Expenditures	(1)	-
Balance, end of year	\$ 10 \$	10

#### Cash flows required to settle the liability

The total undiscounted amount of the estimated cash flows required to settle the liability is \$15 million.

# 24. AMOUNTS CHARGED OR CREDITED TO OPERATIONS NOT REQUIRING A CURRENT CASH PAYMENT

The amounts are as follows

	2014	2013
Amortization, decommissioning and gain or loss on disposal	\$ 238	\$ 162
Employee future benefits less related funding	35	27
	\$ 273	\$ 189

For the year ended March 31, 2014 (in millions)

#### 25 RELATED PARTY TRANSACTIONS

Related party of NB Power is the Province of New Brunswick.

#### Sinking Funds Receivable

At March 31, 2014, NB Power has sinking funds receivable from the Province of New Brunswick of \$404 million as compared to \$376 million in 2013.

#### Debt

NB Power has debt payable to the Province of New Brunswick (Note 20 and 21).

#### Payments to the Province of New Brunswick

During the year, NB Power made payments to the Province of New Brunswick for property taxes, utility taxes and right of way taxes of \$36 million, as compared to \$39 million in 2013 (Note 9). NB Power also made payments to New Brunswick Investment Management Corporation related to pension plans (Note 19).

#### 26. FINANCIAL INSTRUMENTS

A financial instrument (see Note 5(k)) is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity (e.g. accounts receivable/accounts payable).

#### Fair value of financial instruments

Fair value represents an estimate of the consideration that would be agreed on in an arm's length transaction between knowledgeable, willing parties under no compulsion to act.

A financial instrument's fair value at a given date (including fair values of forward contracts used for hedging purposes and other derivative positions) reflects, among other things, differences between the instrument's contractual terms and the terms currently available in the market.

The financial instruments carried at fair value are classified using a fair-value hierarchy which has three levels. These are as follows:

- Level 1: valuation using inputs that are quoted prices in active markets for identical assets or liabilities.
- Level 2: valuation using internal models using observable market prices as inputs
- Level 3: valuation based on internal models using inputs that are not based on observable market data.

For the year ended March 31, 2014 (in millions)

### 26. FINANCIAL INSTRUMENTS (CONTINUED)

#### Valuation dates

For all of its financial assets and liabilities, NB Power discloses fair values as at March 31, 2014.

#### Outstanding financial instruments

This details NB Power's outstanding financial instruments at March 31, 2014. It contains information on the following instruments

- a. Long-term debt
- **b.** Nuclear decommissioning and used fuel management funds
- c. Derivative instruments in hedging relationships
  - i. foreign exchange contracts
  - ii. heavy fuel oil contracts
  - iii. natural gas contracts
  - iv. electricity contracts
- d. Other financial assets and liabilities

#### a. Long-term debt

This financial instrument is categorized within financial instruments as other liabilities and is recorded on the balance sheet at book value.

At March 31, NB Power had outstanding long-term debt as follows

	Hierarchy level	<u>2014</u>	<u>2013</u>
Cost (see Note 21)	\$	4,567 \$	4,692
Fair value	2	4,947 \$	5,286

For the year ended March 31, 2014 (in millions)

### 26. FINANCIAL INSTRUMENTS (CONTINUED)

#### b. Nuclear decommissioning and used fuel management funds

The nuclear decommissioning and used fuel management funds are comprised of the following three funds: the Nuclear Decommissioning Segregated Fund, the Nuclear Used Fuel Management Segregated Fund and the Nuclear Fuel Waste Trust Fund.

The Nuclear Decommissioning Segregated Fund and the Nuclear Used Fuel Management Segregated Fund are recorded on the balance sheet at fair value and categorized as follows:

Investment typeCategoryFixed Incomeavailable-for-salePooled Fundsheld for trading

The Nuclear Fuel Waste Trust Fund is categorized as available-for-sale.

At March 31, the fair value of the funds was as follows

	<u>2014</u>	<u>2013</u>
Cost	\$ 552	\$ 505
Fair value- level 1	\$ 473	612
Fair value- level 2	\$ 138	-
Total fair value (see Note 16)	\$ 611	\$ 612
Gain in market value	\$ 59	\$ 107

### c. Derivative instruments<sup>6</sup>

#### i. Foreign exchange contracts

This financial instrument is recorded on the balance sheet at fair value.

NB Power hedges exchange risk relating to net forecasted US dollar requirements, by entering into forward contracts to sell Canadian dollars and to acquire US dollars. At March 31, it had outstanding contracts maturing over the next 42 months as follows

	Hierarchy level	<u>2014</u>	<u>2013</u>
Net commitment to purchase (\$US in millions) Weighted average exchange rate (\$US / \$CAD)		\$ 291 1.0321	\$ 429 1.0229
Fair value (liability)	2	\$ 23	\$ 2

<sup>&</sup>lt;sup>6</sup>A derivative asset represents a favourable mark-to-market position, whereas a derivative liability represents an unfavourable mark-to-market position.

For the year ended March 31, 2014 (in millions)

### 26. FINANCIAL INSTRUMENTS (CONTINUED)

#### c. Derivative instruments (continued)

### ii. Heavy fuel oil contracts

This financial instrument is recorded on the balance sheet at fair value.

NB Power hedges its anticipated exposure to changes in the cost of heavy fuel oil. At March 31, 2014 it has no outstanding contracts.

### iii. Natural gas contracts

This financial instrument is recorded on the balance sheet at fair value.

NB Power hedges its anticipated exposure to changes in natural gas prices. At March 31, it had outstanding contracts maturing over the next 12 months as follows

	Hierarchy level	<u>2014</u>	<u>2013</u>
Net notional amount (in millions of mmbtu) Weighted average fixed price (in \$US per mmbtu)		\$ 6.3 4.82	\$ 20.6 4.74
Fair value (liability) asset	2	\$ 13	(1)

For the year ended March 31, 2014 (in millions)

### 26. FINANCIAL INSTRUMENTS (CONTINUED)

#### c. Derivative instruments (continued)

### iv. Electricity contracts

This financial instrument is recorded on the balance sheet at fair value.

NB Power hedges, to the extent possible, its anticipated exposure relating to changes in electricity prices.

At March 31, NB Power had outstanding electricity purchase contracts maturing over the next 33 months as follows

	Hierarchy level	<u>2014</u>	<u>2013</u>
Notional amount (in millions of MWh) Weighted average fixed price (in \$US per MWh)		\$ 4.3 51.26	\$ 5.2 48.82
Fair value asset (liability)	2	\$ 107	\$ 22

### d. Other financial assets and financial liabilities

The fair value of other financial assets and financial liabilities on the balance sheet approximate their carrying values due to their short-term maturity.

For the year ended March 31, 2014 (in millions)

# 26. FINANCIAL INSTRUMENTS (CONTINUED)

### Summary of impacts of financial instruments

The following table summarizes the impact of financial instruments recorded on the balance sheet at March 31, 2014. These include

- the fair value of the derivative instruments in hedging relationships
- the fair value of the derivatives no longer qualifying for hedge accounting
- the market value of the nuclear funds

	Nuclear Trust Funds	Foreign Exchange	Heavy Fuel Oil	Natural Gas	Electricity	Total
Current portion of derivative assets	-	23	- 011	13	96	132
Long-term portion of derivative assets	-	5	-	-	20	25
Mark-to-market on Nuclear Funds (Note 16)	59	-	-	-	-	59
Current Portion of derivative liabilities	-	(5)	-	-	(8)	(13)
Long-term portion of derivative liabilities	-	-	-	-	(1)	(1)
Assets (liabilities)	59	23	-	13	107	202

For the year ended March 31, 2014 (in millions)

### 26. FINANCIAL INSTRUMENTS (CONTINUED)

The impact of financial instruments at March 31, 2014 resulted in a net asset of \$202 million (see previous table). Of the \$202 million the following is recognized on the balance sheet

- \$11 million is recognized in retained earnings
- \$147 million gain is recognized in accumulated other comprehensive income (AOCI)

The remaining \$44 million relates to the deferred interest included in the AOCI and will be amortized over the remaining life of the associated debt.

A reconciliation of these amounts are summarized in the following tables

# The retained earnings impact table includes financial instruments that do not qualify for hedge accounting.

Retained earnings impact	Nuclear Trust Funds	Foreign Exchange	Heavy Fuel Oil	Natural Gas	Electricity	Total
Balance - April 1, 2013	-	-	-	3	1	4
Current year hedge adjustments	2	1	-	(2)	6	7
Balance March 31, 2014	2	1	-	1	7	11

For the year ended March 31, 2014 (in millions)

# 26. FINANCIAL INSTRUMENTS (CONTINUED)

The AOCI impact table includes financial instruments that qualify for hedge accounting.

AOCI impact	Nuclear Trust Funds	Foreign Exchange	Natural Gas	Electricity	Amortization of deferred interest	Total
Accumulated other comprehensive income (loss) - April 1, 2013	107	2	(4)	21	(46)	80
Current year impact of mark-to-market adjustments	(50)	20	16	79	2	67_
Balance March 31, 2014	57	22	12	100	(44)	147

For the year ended March 31, 2014 (in millions)

#### 27. FINANCIAL INSTRUMENT RISK MANAGEMENT

This describes the following types of risk:

- credit risk
- market risk
- liquidity risk

#### **Credit Risk**

Credit risk is a risk that a financial loss will occur due to a counterparty failing to perform its obligations under the terms of a financial instrument.

### Managing credit risk

To manage credit risk, NB Power

- · conducts a thorough assessment of counterparties prior to granting credit
- actively monitors the financial health of its significant counterparties and the potential exposure to them on an on-going basis

The following is a summary of the fair value of NB Power's financial instruments that were exposed to credit risk at March 31

Financial assets	Designated category	F	2014 air value	2013 Fair value
Cash	Held for trading	\$	3	\$ 1
Accounts receivable	Loans and receivables		306	254
Long-term receivable	Held for trading		17	18
Derivative assets	Held for trading		157	25
Nuclear decommissioning and used nuclear	Held for trading and			
fuel management funds	available for sale		611	612
		\$	1,094	\$ 910

#### Cash

The credit risk associated with cash is considered to be low as the funds are deposited with Canadian chartered banks.

For the year ended March 31, 2014 (in millions)

# 27. FINANCIAL INSTRUMENT RISK MANAGEMENT (CONTINUED)

#### Accounts receivable

Accounts receivable is largely a combination of receivables from residential and commercial customers in-province and out-of-province. To reduce credit risk, NB Power monitors outstanding receivables and pursues collection of overdue amounts.

The following table shows a summary of accounts receivable by the number of days outstanding for NB Power as at March 31

Accounts receivable	2014	2013
Trade		
Trade receivables - current	\$ 235 \$	187
61-90 days	3	2
Greater than 90 days	6	6
	244	195
Allowance for doubtful accounts	(5)	(5)
Miscellaneous <sup>7</sup>	67	64
	\$ 306 \$	254

<sup>&</sup>lt;sup>7</sup>Miscellaneous receivables include non-electricity sales, accruals and accrued hedge settlements.

For the year ended March 31, 2014 (in millions)

### 27. FINANCIAL INSTRUMENT RISK MANAGEMENT (CONTINUED)

#### Allowance for doubtful accounts

The allowance for doubtful accounts is

- · reviewed on a regular basis
- based on the estimate of outstanding accounts that are at risk of being uncollectible

Reconciliation of allowance for doubtful accounts	2014	2013
Balance, beginning of year	\$ 5 \$	5
Increase during the year	4	4
Bad debts recovery during the year	1	1
Bad debts written off during the year	(5)	(5)
	\$ 5 \$	5

#### Concentration of credit risk

No significant concentration of credit risk exists within accounts receivable as the receivables are spread across numerous in-province and out-of-province customers. In certain circumstances NB Power holds deposits or requires letters of credit.

#### Nuclear decommissioning and used fuel management funds

NB Power limits its credit risk associated with the nuclear decommissioning and used fuel management trust funds by investing in liquid securities tied to creditworthy counterparties. The current portfolio comprises mainly provincial and federal government bonds. The related credit risk associated with these funds is considered to be low.

#### **Derivative Assets**

NB Power only enters into derivative financial instrument transactions with highly creditworthy counterparties. All of the counterparties with which NB Power has outstanding positions have investment grade credit ratings assigned to them by external rating agencies.

#### **NB** Power

- · monitors counterparty credit limits on an ongoing basis
- requests collateral for exposures that exceed assigned credit limits

For the year ended March 31, 2014 (in millions)

# 27. FINANCIAL INSTRUMENT RISK MANAGEMENT (CONTINUED)

#### Concentration of credit risk (continued)

There is a concentration of credit risk at March 31, 2014 in relation to derivative assets, as the bulk of the derivative asset balance is tied to a few counterparties. However, since the majority of the amount is associated with counterparties that are Canadian chartered banks and other reputable financial institutions the associated credit risk is considered to be low.

#### **Market Risk**

Market risk is the risk that NB Power's earnings or financial instrument values will fluctuate due to changes in market prices.

NB Power is exposed to a variety of market price risks such as changes in

- foreign exchange rates
- interest rates
- · commodity prices
- freight prices

NB Power manages these exposures through the use of forwards and other derivative instruments in accordance with Board-approved policies.

The following table provides a sensitivity analysis which shows the dollar value impact of small changes in various market rates and prices. The amounts shown are derived from outstanding volumes of financial instruments that existed at March 31, 2014.

	Impact on earnings <sup>8</sup>	Impact on other comprehensive income
(millions of dollars)		•
Exchange and interest rates		
1 cent change in CAD/USD exchange rate	-	\$ 3
0.5% change in short-term debt rates	1	-
0.25% change in investment yields	1	14
Commodity prices		
\$1/mmbtu change in natural gas prices	-	6
\$5/MWh changes in electricity prices	-	22

<sup>&</sup>lt;sup>8</sup>These impacts are not included in other comprehensive income as the financial instruments are either not derivatives or not eligible for hedge accounting.

For the year ended March 31, 2014 (in millions)

## 27. FINANCIAL INSTRUMENT RISK MANAGEMENT (CONTINUED)

### **Liquidity Risk**

Liquidity risk is a risk that NB Power will have difficulty or be unable to meet its financial obligations associated with financial liabilities.

NB Power forecasts its financing requirements on a consistent basis so that it can plan and arrange for financing to meet financial obligations as they come due. The following table summarizes the contractual maturities of NB Power's financial liabilities at March 31, 2014 and in future years.

Financial liability	Carrying amount	_	ontractual ash flows	2015	2	2016		2017	18 and ereafter
Short-term indebtedness Accounts payable and	\$ 858	3 \$	858	\$ 858		-	•	-	-
accruals	237	7	237	237		-			-
Accrued interest	46	3	46	46		-	•		-
Derivative liabilities	14	ļ	14	13		1	-	-	-
Long-term debt	4,567	7	4,566	-		580		400	3,586
Interest on long-term-debt			2,608	208		204		178	2,018
	\$ 5,722	2 \$	8,329	\$ 1,362	\$	785	\$	578	\$ 5,604

NB Power has the ability to generate sufficient funding to meet these financial obligations.

For the year ended March 31, 2014 (in millions)

#### 28. COMMITMENTS, CONTINGENCIES AND GUARANTEES

This details the commitments, contingencies and guarantees in place at NB Power.

#### Belledune Wharf

On April 1, 2013, NB Power has entered into an operating lease agreement for use of the port facility at Belledune. The agreement is for a 10-year term, with a 10-year option to renew with the same party. This lease provides for annual charges of approximately \$4 million.

#### Courtenay Bay Generating Station

This details the agreements that NB Power has in place regarding the Courtenay Bay Generating Station. It contains information on agreements in the following areas

- · rental of site facilities
- · power purchase and transmission access
- natural gas transportation service.

#### Rental of site facilities

NB Power has entered into a lease agreement for rental of site facilities. The agreement expires in 2021 with a five-year option to extend.

#### Power purchase and transmission access

NB Power has a related power purchase and transmission access agreement. The agreement expires in 2021 with a five-year option to extend with the same third party.

NB Power will purchase all the electrical energy produced by a 280 MW combined cycle natural gas unit during the winter period, November 1 to March 31, and from time-to-time some or all of the electrical energy produced during the summer period.

#### Natural gas transportation service

NB Power has entered into an agreement expiring in 2015 for firm natural gas transportation service to Courtenay Bay Generating Station. The cost of transportation will be recovered from the tenant that is a party to the lease agreement mentioned above.

For the year ended March 31, 2014 (in millions)

### 28. COMMITMENTS, CONTINGENCIES AND GUARANTEES (CONTINUED)

#### Power purchase agreements

NB Power has other power purchase agreements with third parties, as follows

Initial duration of agreement	End date	Amount of energy	Agreement to purchase
20 years	2024	90 MW	all the capacity and electrical energy produced by a co-generation facility
30 years	2027	38.5 MW	38.5 MW capacity and energy from a co-generation facility
25 years	2033	96 MW	all the electrical energy of a wind generation facility
5 years	2014	99 MW	90% of all the electrical energy of a wind generation facility
20 years	2029	48 MW	all the electrical energy of a wind generation facility
20 years	2029	51 MW	all the electrical energy of a wind generation facility
25 years	2034	45 MW	all the electrical energy of a wind generation facility
25 years	2035	54 MW	all the electrical energy of a wind generation facility
20 years	2032	8.8 MW	all of the capacity, energy and environmental attributes generated by the generating stations

#### Energy Sales and Transmission Rights Assignment Agreement (ESTRA)

NB Power entered into an ESTRA in November 2012. The minimum take is 1,500,000 MWh for each of the next five years.

### Coleson Cove - Fuel Supply Agreement

### Supply

NB Power entered into a 10-year agreement expiring in 2020 for the supply of the fuel oil requirements for the Coleson Cove Generating Station.

#### **Delivery**

NB Power entered into a 10-year agreement expiring in 2020 for the delivery of fuel via a pipeline owned by a third party.

For the year ended March 31, 2014 (in millions)

## 28. COMMITMENTS, CONTINGENCIES AND GUARANTEES (CONTINUED)

#### Belledune - Fuel Supply Agreement

#### Supply

NB Power entered into a five year agreement expiring at the end of 2016 for the supply of the coal requirements for the Belledune Generating Station.

#### **Delivery**

The remaining coal delivery is as follows

- 2014/15 approximately 320,000 tonnes at \$113 per tonne
- 2015/16 approximately 320,000 tonnes at \$77.50 per tonne
- 2016/17 approximately 256,000 tonnes will be shipped at a floating rate

#### **Gypsum Contract**

NB Power entered into a 21.5-year contract expiring in 2026 to supply a third party with synthetic gypsum. In the event of a production shortfall, NB Power must pay the third party for the difference between actual gypsum supplied and the minimum amount of gypsum agreed to in the contract.

#### Transmission power line

To ensure financial viability of the International Power Line project, the Corporation signed Commitment Agreements with load serving entities in the Maritimes for the equivalent of long-term firm transmission reservations through fiscal 2032.

#### Environmental liability

The Coleson Cove Generating Station was commissioned in 1976. As part of a decommissioning study for the station, it was discovered that there are elevated levels of vanadium and nickel in the water and sediment in Shannon Brook. Shannon Brook originates on the Coleson Cove property and flows out to the Musquash Estuary. To date, the work associated with relocating material from the Phase 1 cell has been completed and work continues on the ecological risk assessment and the development of potential sediment management options for the impacted area.

For the year ended March 31, 2014 (in millions)

### 28. COMMITMENTS, CONTINGENCIES AND GUARANTEES (CONTINUED)

#### Large Industrial Renewable Energy Purchases Program

NB Power purchases electricity from renewable sources, such as biomass and river hydro, from qualifying large industrial customers who have renewable electricity generating facilities located in New Brunswick.

The program is included in the *Electricity Act* under the renewable portfolio standard regulation and commenced January 1, 2012. There are four program agreements in place. From April 1, 2012 to March 31, 2014, 779 GWh of qualified renewable energy was purchased under the program.

The Large Industrial Renewable Energy Purchase Program allows NB Power to purchase renewable energy generated by its largest customers at a set rate. This renewable energy will count towards meeting our Province's renewable energy targets at a purchase price at or below the current market price for most forms of renewable energy.

#### Reduce and Shift Demand (RASD)

NB Power entered into an agreement dated July 25, 2012 as a result of the Smart Grid Initiative. The Master Services Engineering Agreement indicates that in the initial term ending September 15, 2017 (with options for subsequent renewal periods), that NB Power agrees to a minimum expenditure, subject to rights of termination and cost containment obligations, of \$35 million.

#### Legal Proceedings

NB Power may, from time-to-time, be involved in legal proceedings, claims and litigations that arise in the ordinary course of business which NB Power believes would not reasonably be expected to have a material adverse effect on the financial condition of NB Power.