

# BC HYDRO SECOND QUARTER REPORT FISCAL 2014



BChydro **G** For generations This Management's Discussion and Analysis (MD&A) reports on British Columbia Hydro and Power Authority's (BC Hydro or the Company) consolidated results and financial position for the three and six months ended September 30, 2013 and should be read in conjunction with the MD&A presented in the 2013 Annual Report, the 2013 Annual Consolidated Financial Statements of the Company, and the Unaudited Condensed Consolidated Interim Financial Statements and related notes of the Company for the three and six months ended September 30, 2013.

The Company applies accounting standards as prescribed by the Province of British Columbia ("the Province") which applies the accounting principles of International Financial Reporting Standards (IFRS) except that the Company applies regulatory accounting in accordance with Financial Accounting Standards Board Accounting Standards Codification 980, *Regulated Operations* (ASC 980) ("Prescribed Standards"). All financial information is expressed in Canadian dollars unless otherwise specified.

This report contains forward-looking statements, including statements regarding the business and anticipated financial performance of the Company. These statements are subject to a number of risks and uncertainties that may cause actual results to differ from those contemplated in the forward-looking statements.

# HIGHLIGHTS

- Net income for the three and six months ended September 30, 2013 was \$91 million and \$146 million, respectively, and was \$16 million and \$18 million higher, respectively, than the same periods in the prior fiscal year due to higher domestic and trade revenues resulting from higher electricity and gas prices partially offset by lower gigawatt hours sold and higher amortization and depreciation due to higher assets in service.
- The forecast system inflow energy equivalent for fiscal 2014 is 98 per cent of average, with Williston and Kinbasket reservoirs at 93 per cent and 107 per cent of average, respectively. The system inflow energy equivalent for fiscal 2013 was 109 per cent of average, but actual inflows were higher because both Williston and Kinbasket reservoirs spilled substantial volumes of surplus water and in addition, the system was managed with some economic spill due to negative market prices. In contrast, fiscal 2014 is forecasting to have slightly below average inflows and higher market prices.
- Capital expenditures for the three and six months ended September 30, 2013 were \$555 million and \$957 million, respectively. BC Hydro continues to invest significantly to refurbish its ageing infrastructure and build new assets for future growth, including the Mica Units 5 & 6 Project, G.M. Shrum Units 1 to 5 Turbine Rehabilitation, Ruskin Dam and Powerhouse Upgrade, Smart Metering and Infrastructure (SMI), Northwest Transmission Line Project, Interior to Lower Mainland Transmission Project, and Vancouver City Central Transmission Project.

For the three months ended September 30																								
(in millions)		<b>2013</b> 2012 Change <b>2013</b>								2012														
Net Income	\$	91	\$	75	\$	16	\$	146	\$	128	\$	18												
Number of Domestic Customers		<b>N/A</b> N/A N/A		1,	901,909	1,	,881,996		19,913															
GWh Sold (Domestic)		12,301		14,855		(2,554)		24,278		<b>24,278</b> 28		28,309		28,309		28,309		28,309		28,309		28,309		(4,031)
Total Reservoir Storage (GWh)		N/A		N/A		N/A		28,781		<b>28,781</b> 2		29,820		(1,039)										

	As at As at				
(in millions)	Septer	September 30, 2013			Change
Total Assets	\$	24,881	\$	23,782	\$ 1,099
Retained Earnings	\$	3,515	\$	3,369	\$ 146
Debt to Equity		81:19		80 : 20	N/A

## CONSOLIDATED RESULTS OF OPERATIONS

These interim statements represent the Company's presentation of its results and financial position under the Prescribed Standards. Under the Prescribed Standards, the Company applies the principles of IFRS plus ASC 980 to reflect the rate-regulated environment in which the Company operates. These principles allow for the deferral of costs and recoveries that under IFRS would otherwise be recorded as expenses or income in the current accounting period. The deferred amounts are either recovered or refunded through future rate adjustments.

The use of regulatory accounts is common amongst regulated utility industries throughout North America. BC Hydro uses various regulatory accounts, in compliance with British Columbia Utilities Commission (BCUC) orders, in order to better match costs and benefits for different generations of customers, smooth out the rate impact of large non-recurring costs, and defer to future periods differences between forecast and actual costs or revenues.

For the three and six months ended September 30, 2013, net transfers resulted in a net addition to regulatory accounts of \$143 million and \$382 million, respectively, primarily due to the California litigation settlement which resulted in an increase to the Trade Income Deferral Account (TIDA) of \$214 million. Other increases included deferral of costs for future recovery in rates including demand-side management programs (DSM), Site C and SMI, and the phasing in of the rate impact of the reduction in the amount of overhead eligible for capitalization under IFRS as compared to Canadian generally accepted accounting principles (CGAAP).

Net income after regulatory transfers for the three and six months ended September 30, 2013 was \$91 million and \$146 million, respectively, \$16 million and \$18 million higher, respectively, than the same periods in the prior fiscal year. Higher domestic and trade revenues resulting from higher electricity and gas prices were partially offset by lower gigawatt hours sold and higher amortization and depreciation due to higher assets in service.

#### **REVENUES**

Total revenue for the three months ended September 30, 2013 was \$1,223 million, an increase of \$95 million or eight per cent compared to the same period in the prior fiscal year. Total revenue for the six months ended September 30, 2013 was \$2,477 million, an increase of \$291 million or 13 per cent compared to the same period in the prior fiscal year. The increase in both periods was primarily due to higher domestic and trade revenues resulting from higher electricity and gas prices, partially offset by lower gigawatt hours sold.

	(in r	nillio	ons)	(gigaw	att hours)	(\$ p	er M	Wh)
For the three months ended September 30	2013		2012	2013	2012	2013		2012
Domestic								
Residential	\$ 309	\$	303	3,415	3,410	\$ 90.48	\$	88.86
Light industrial and commercial	359		350	4,464	4,589	80.42		76.27
Large industrial	163		159	3,427	3,418	47.56		46.52
Other energy sales	81		111	995	3,438	81.41		32.29
Total Domestic Revenue Before Regulatory Transfer	912		923	12,301	14,855	74.14		62.13
Rate smoothing and load variance regulatory transfer	58		(36)	-	-	-		-
Total Domestic	\$ 970	\$	887	12,301	14,855	\$ 78.86	\$	59.71
Trade								
Electricity - Gross	\$ 316	\$	287	6,527	9,216	\$ 48.41	\$	31.14
Less: forward electricity purchases	(101)		(79)	-	-	-		-
Electricity - Net	215		208	-	-	-		-
Gas - Gross	183		173	5,831	7,064	31.38		24.49
Less: forward gas purchases	(145)		(140)	-	-	-		-
Gas - Net	38		33	-	-	-		-
Total Trade <sup>1</sup>	\$ 253	\$	241	12,358	16,280	\$ 20.47	\$	14.80
Total	\$ 1,223	\$	1,128	24,659	31,135	\$ 49.60	\$	36.23
	(in r	nillio	ons)	(gigaw	att hours)	(\$ p	er M	Wh)
For the six months ended September 30	2013		2012	2013	2012	2013		2012
Domestic								
Residential	\$ 650	\$	635	7,180	7,106	\$ 90.53	\$	89.36
Light industrial and commercial	714		694	8,871	8,922	80.49		77.79
Large industrial	321		313	6,746	6,761	47.58		46.29
Other energy sales	137		170	1,481	5,520	92.51		30.80
Total Domestic Revenue Before Regulatory Transfer	1,822		1,812	24,278	28,309	75.05		64.01
Rate smoothing and load variance regulatory transfer	95		(31)	-	-	-		-
Total Domestic	\$ 1,917	\$	1,781	24,278	28,309	\$ 78.96	\$	62.91
Trade								
Electricity - Gross	\$ 653	\$	475	14,855	19,325	\$ 43.96	\$	24.58

Electricity - Net Gas - Gross 387 286 10,856 13,322 21.47 35.65 Less: forward gas purchases (308) (237) \_ Gas - Net 79 49 \_ \_ \_ \$ 21.78 \$ 15.75 Total Trade<sup>1</sup> \$ 560 \$ 405 25,711 32,647 Total \$ 2,477 \$ 2,186 49,989 60,956 \$ 49.55 \$ 35.86

(172)

481

(119)

356

\_

\_

\_

\_

\_

\_

\_

\_

\_

<sup>1</sup> Trade revenue regulatory transfer is netted with the trade cost of energy transfer to reflect a trade margin transfer.

Less: forward electricity purchases

#### DOMESTIC REVENUES

Total domestic revenues after regulatory transfers for the three months ended September 30, 2013 were \$970 million, an increase of \$83 million or nine per cent compared to the same period in the prior fiscal year. Total domestic revenues after regulatory transfers for the six months ended September 30, 2013 were \$1,917 million, an increase of \$136 million or eight per cent compared to the same period in the prior fiscal year.

Domestic revenues after regulatory transfers were higher in the three and six months ended September 30, 2013 compared to the same periods in the prior year due mainly to higher average customer rates, partially offset by lower other energy sales. Average customer rates were higher in fiscal 2014 compared to the prior year, reflecting an average rate increase as approved by the BCUC of 1.44 per cent.

Gigawatt hours sold were comparable to the prior fiscal year in all rate classes except other energy sales which was significantly lower than the prior fiscal year which was a result of the unusually high water inflows in the prior fiscal year. Surplus energy sales were 706 GWh and 961 GWh in the three and six months ended September 30, 2013 compared to 3,178 GWh and 5,037 GWh in the same periods of the prior year.

Variances between actual and planned load are deferred to the Non-Heritage Deferral Account (NHDA) and variances between actual and planned other energy sales are deferred to both the Heritage Deferral Account (HDA) and NHDA.

#### **TRADE REVENUES**

Powerex, a wholly owned subsidiary of the Company, is a key participant in energy markets across North America, buying and supplying wholesale power, natural gas, ancillary services, financial energy products, and environmental products with an expanding list of trade partners.

The Company's electricity system is interconnected with systems in Alberta and the Western United States, facilitating sales and purchases of electricity outside of British Columbia. Powerex's trade activities help the Company balance its system by being able to import energy to meet domestic demand when there is a supply shortage and exporting energy when there is a supply surplus. Exports are made only after ensuring domestic demand requirements can be met.

Total trade revenue for the three months ended September 30, 2013 was \$253 million, an increase of \$12 million compared with the same period in the prior year. The increase in trade revenue was primarily due to a 52 per cent increase in the average electricity sales price primarily due to low market prices in the Pacific Northwest in the prior year as a result of high water levels, and a 30 per cent increase in the average gas sales price reflecting increases in natural gas prices in North America. This was partially offset by a 24 per cent reduction in gigawatt hours sold over the same period in the prior year primarily due to lower volumes of surplus energy sold by BC Hydro.

Total trade revenue for the six months ended September 30, 2013 was \$560 million, an increase of \$155 million compared with the same period in the prior year. The increase in revenue was primarily due to a 74 per cent increase in the average electricity sales price primarily due to low market prices in the Pacific Northwest in the prior year as a result of high water levels, and a 54 per cent increase in the average gas sales price in current fiscal year reflecting increases in natural gas prices in North America. This was partially offset by a 21 per cent reduction in gigawatt hours sold over the same period in the prior year primarily due to lower volumes of surplus energy sold by BC Hydro. Variances between actual and planned trade income (which includes trade revenues) are deferred to the Trade Income Deferral Account (TIDA).

#### **OPERATING EXPENSES**

Total operating expenses for the three and six months ended September 30, 2013 were \$981 million and \$2,032 million, respectively, \$65 million and \$242 million, respectively, higher than in the same periods in the prior fiscal year. The increase in both periods was primarily the result of higher expenditures on electricity and gas purchases, consistent with higher electricity and gas sales, and higher amortization and depreciation expense primarily due to higher assets in service.

#### **COST OF ENERGY**

Energy costs are comprised of electricity and gas purchases for domestic and trade customers, water rentals and transmission and other charges. Energy costs are influenced primarily by the volume of energy consumed by customers, the mix of sources of supply and market prices of energy. The mix of sources of supply is influenced by variables such as the current and forecast market prices of energy, water inflows, reservoir levels, energy demand, and environmental and social impacts.

Total energy costs, after regulatory account transfers, for the three months ended September 30, 2013 were \$466 million, \$31 million or seven per cent higher than in the same period in the prior fiscal year. Total energy costs, after regulatory account transfers, for the six months ended September 30, 2013 were \$997 million, \$191 million or 24 per cent higher than in the same period in the prior fiscal year. The increase in both periods over the prior fiscal year was primarily due to higher domestic and trade purchases as current year prices increased to normal levels after unusually low average electricity and gas prices in the prior year due to the abundance of surplus energy from extremely high water inflows. The increase was partially offset by lower supply volumes in the current year due to lower sales load.

	(in n	nillio	ns)	(gigawa	tt hours)	(\$ p	er MWh)
For the three months ended September 30	2013		2012	2013	2012	2013 <sup>3</sup>	2012 <sup>3</sup>
Domestic							
Water rental payments (hydro generation) <sup>1</sup>	\$ 96	\$	86	10,280	12,986	\$ 9.37	\$ 6.63
Purchases from Independent Power Producers	189		196	2,485	2,795	76.00	70.22
Other electricity purchases - Domestic	-		_	2	4	-	-
Gas for thermal generation	9		7	61	24	142.43	278.91
Transmission charges and other expenses	(1)		(10)	23	24	-	-
Allocation (to) from trade energy	13		(1)	579	(65)	12.46	33.97
Total Domestic Cost of Energy Before							
Regulatory Transfers	306		278	13,430	15,768	22.78	17.60
Domestic cost of energy regulatory transfers	(22)		(17)	-	-	-	-
Total Domestic	\$ 284	\$	261	13,430	15,768	\$ 21.15	\$ 16.54
Trade							
Electricity - Gross	\$ 230	\$	165	7,063	9,114	\$ 32.56	\$ 18.10
Less: forward electricity purchases <sup>2</sup>	(101)		(79)	-	-	-	-
Electricity - Net	129		86	-	-	-	-
Remarketed gas - Gross	175		160	5,897	7,086	29.68	22.58
Less: forward gas purchases <sup>2</sup>	(145)		(140)	-	-	-	-
Remarketed gas - Net	30		20	-	-	-	-
Transmission charges and other expenses	53		56	-	-	-	-
Allocation from (to) domestic energy	(13)		1	(579)	65	12.46	33.97
Total Trade Cost of Energy Before							
Regulatory Transfers	199		163	12,381	16,265	26.72	15.27
Trade net margin regulatory transfer	(17)		11	-	-	-	-
Total Trade	\$ 182	\$	174	12,381	16,265	\$ 25.39	\$ 15.95
Total Energy Costs	\$ 466	\$	435	25,811	32,033	\$ 23.18	\$ 16.24

	(in r	nillio	ns)	s) (gigawatt hours) (\$			er MWh)	
For the six months ended September 30	2013		2012	2013	2012	<b>2013</b> <sup>3</sup>	2012 <sup>3</sup>	
Domestic								
Water rental payments (hydro generation) <sup>1</sup>	\$ 192	\$	171	19,858	24,586	\$ 9.77	\$ 6.97	
Purchases from Independent Power Producers	387		383	5,424	5,589	71.32	68.58	
Other electricity purchases - Domestic	1		1	45	41	30.98	19.30	
Gas for thermal generation	19		14	100	47	186.70	288.69	
Transmission charges and other expenses	1		(43)	48	49	-	-	
Allocation (to) from trade energy	23		2	1,005	22	25.12	17.48	
Total Domestic Cost of Energy Before								
Regulatory Transfers	623		528	26,480	30,334	23.54	17.40	
Domestic cost of energy regulatory transfers	(71)		(9)	-	-	-	-	
Total Domestic	\$ 552	\$	519	26,480	30,334	\$ 20.84	\$ 17.11	
Trade								
Electricity - Gross	\$ 437	\$	240	15,750	19,188	\$ 27.75	\$ 12.51	
Less: forward electricity purchases <sup>2</sup>	(172)		(119)	-	-	-	-	
Electricity - Net	265		121	-	-	-	-	
Remarketed gas - Gross	366		278	10,952	13,446	33.42	20.68	
Less: forward gas purchases <sup>2</sup>	(308)		(237)	-	-	-	-	
Remarketed gas - Net	58		41	-	-	-	-	
Transmission charges and other expenses	116		119	-	-	-	-	
Allocation from (to) domestic energy	(23)		(2)	(1,005)	(22)	25.12	17.48	
Total Trade Cost of Energy Before								
Regulatory Transfers	416		279	25,697	32,612	21.54	10.47	
Trade net margin regulatory transfer	29		8	-	-	-	-	
Total Trade	\$ 445	\$	287	25,697	32,612	\$ 22.69	\$ 10.72	
Total Energy Costs	\$ 997	\$	806	52,177	62,946	\$ 21.74	\$ 13.80	

<sup>1</sup> Total GWh is net of storage exchange.

<sup>2</sup> Other electricity purchases in dollars include purchases for trade activities shown net of derivatives. Gigawatt hours (GWh) and

\$ per Megawatt hour (MWh) are shown at gross cost.

<sup>3</sup> Total cost per MWh includes other electricity purchases at gross cost.

#### **Domestic Energy Costs**

Domestic energy costs before regulatory transfers of \$306 million for the three months ended September 30, 2013 were \$28 million higher than in the same period in the prior year. For the six months ended September 30, 2013, domestic energy costs before regulatory transfers of \$623 million were \$95 million higher than in the same period in the prior fiscal year. The increase in both periods was primarily the result of water transactions with Bonneville Power Administration (BPA) related to the Non-Treaty storage at Mica (included in Transmission charges and other expenses), higher water rental payments, and higher allocation from Trade energy.

The Company has an agreement with BPA to operate Non-Treaty storage at Mica. Under the agreement, when the Company releases water from its portion of non-treaty storage it is entitled to the value of additional energy flowing through the U.S. Federal Columbia River, as determined by the market price of energy at that time which is reflected as a reduction to cost of energy. During the three and six months ended September 30, 2013, the Company released less water than the same periods in the prior fiscal year because there was less water in storage than the prior fiscal year due to lower water inflows and previous releases. As a result, the reduction to cost of energy for the three months ended September 30, 2013 was only \$3 million compared to \$14 million in the same period in the prior fiscal year. The reduction to cost of energy for the six months ended September 30, 2013 was only \$4 million compared to \$47 million in the same period in the prior fiscal year. The prior fiscal year.

period also included \$31 million for the value of net releases earned from the effective date of the agreement (September 1, 2011) to the date the contract was signed (April 22, 2012).

Water rental charges were higher in the three and six months ended September 30, 2013 than in the same period in the prior year, as these charges are payable based on current rates and prior year's generation. In the prior year, due to high inflows, high reservoir levels and to manage the risk of spill, greater hydro energy was generated and sold as surplus energy. Water rental rates are indexed each calendar year based on the annual percentage change in BC's consumer price index.

In addition, allocation from trade was higher in both periods due to increased net trade energy imports resulting from more purchase opportunities as compared to the prior fiscal year because of hydro conditions.

For the three months ended September 30, 2013, lower IPP purchases were primarily due to existing IPPs under-delivering due to outages, partially offset by new IPPs achieving commercial operations during the year at higher contracted rates. For the six months ended September 30, 2013, IPP purchases were higher despite lower volumes primarily due to new IPPs achieving commercial operations during the year at higher contracted rates.

Variances between actual and planned domestic cost of energy are transferred to the HDA and NHDA.

#### Trade Energy Costs

Total trade energy costs, before regulatory account transfers, for the three months ended September 30, 2013 were \$199 million, an increase of \$36 million compared with the same period in the prior year. Trade purchase costs increased primarily due to an 80 per cent increase in the average electricity purchase price primarily due to low market prices in the Pacific Northwest in the prior year as a result of high water levels, and a 31 per cent increase in the average gas purchase price reflecting increases in natural gas prices in North America. This was partially offset by a 24 per cent reduction in gigawatt hours sold over the same period in the prior year primarily due to lower volumes of surplus energy sold by BC Hydro.

Total trade energy costs, before regulatory account transfers, for the six months ended September 30, 2013 were \$416 million, an increase of \$137 million compared with the same period in the prior year. Trade purchase costs increased primarily due to a 122 per cent increase in the average electricity purchase price primarily due to low market prices in the Pacific Northwest in the prior year as a result of high water levels, and a 62 per cent increase in the average gas purchase price reflecting increases in natural gas prices in North America. This was partially offset by a 21 per cent reduction in gigawatt hours sold over the same period in the prior year primarily due to lower volumes of surplus energy sold by BC Hydro. Variances between actual and planned trade income (which includes trade energy costs) are deferred to the Trade Income Deferral Account (TIDA).

#### Water Inflows

The observed system inflow energy equivalent for the three months ended September 30, 2013 was 91 per cent of average, with inflows to the Williston and Kinbasket reservoirs at 77 per cent and 104 per cent of average, respectively. The observed system inflow energy equivalent for the three months ended September 30, 2012 was 103 per cent of average, with inflows to Williston and Kinbasket reservoirs at 94 per cent and 96 per cent of average, respectively. The forecast system inflow energy equivalent for fiscal 2014 is 98 per cent of average, with Williston and Kinbasket reservoirs at 93 per cent and 107 per cent of average, respectively. The system inflow energy equivalent for fiscal 2014 is 98 per cent of average, equivalent for fiscal 2013 was 109 per cent of average, but actual inflows were higher because both Williston and Kinbasket reservoirs spilled substantial volumes of surplus water; in addition, the system was managed with some economic spill due to negative market prices. In contrast, fiscal 2014 is forecasting to have slightly below average inflows and higher market prices.

BC Hydro reservoirs have been managed such that the BC Hydro system storage on September 30, 2013 was 26,000 GWh, or 500 GWh above the 10 year historic average. This was 1,200 GWh lower than the prior year system energy storage of 27,200 GWh. The Williston and Kinbasket reservoir energy contents were 15,500 GWh (800 GWh below the 10 year historic average) and 10,500 GWh (1,300 GWh above the 10 year historic average), respectively, with Williston 1,750 GWh lower than the prior year and Kinbasket 550 GWh higher than the prior year.

#### PERSONNEL EXPENSES

Personnel expenses include labour, benefits and post-employment benefits. Personnel costs for the three and six months ended September 30, 2013 of \$129 million and \$269 million, respectively, were comparable to personnel expenses of \$126 million and \$263 million, respectively, in the same periods in the prior fiscal year.

#### MATERIALS AND EXTERNAL SERVICES

Expenditures on materials and external services for the three and six months ended September 30, 2013 of \$149 million and \$290 million, respectively, were \$14 million and \$10 million higher, respectively, than in the same periods in the prior fiscal year, primarily the result of increased maintenance and other operational activities.

#### CAPITALIZED COSTS

Capitalized costs consist of overhead costs directly attributable to capital expenditures that are transferred from operating costs to property, plant and equipment and overhead costs eligible for regulatory deferral that are transferred from operating costs to the IFRS Property, Plant and Equipment regulatory account. Capitalized costs for the three and six months ended September 30, 2013 of \$61 million and \$119 million, respectively, were comparable to the same periods in the prior fiscal year.

#### AMORTIZATION AND DEPRECIATION

Amortization and depreciation expense includes the depreciation of property, plant and equipment, intangible assets, and the amortization of certain regulatory assets and liabilities. For the three and six months ended September 30, 2013, amortization and depreciation expense was \$247 million and \$491 million, respectively, \$11 million and \$25 million higher, respectively, than in the same periods in the prior fiscal year, primarily due to higher assets in service in the current year.

#### **GRANTS AND TAXES**

As a Crown corporation, the Company is exempt from paying federal and provincial income taxes, but pays local government taxes and grants in lieu to municipalities and regional districts, and school tax to the Province on certain assets. Total grants and taxes for the three and six months ended September 30, 2013 were \$51 million and \$102 million, respectively, comparable to the same periods in the prior fiscal year.

#### OTHER COSTS (RECOVERIES)

Other costs (recoveries) primarily include gains and losses on the disposal of assets and certain cost recoveries classified as operating costs. For the three months ended September 30, 2013, other costs were offset by cost recoveries, comparable to the same period in the prior year. For the six months ended September 30, 2013, other costs net of recoveries were \$2 million, comparable with \$5 million in the same period in the prior fiscal year.

#### **FINANCE CHARGES**

Finance charges after net regulatory transfers for the three months ended September 30, 2013 of \$151 million were \$14 million or 10 per cent higher than in the same period in the prior fiscal year. Finance charges after net regulatory transfers for the six months ended September 30, 2013 of \$299 million were \$31 million or 12 per cent higher than in the same period in the prior fiscal year. The increase in both periods was primarily due to higher planned volume of debt issues and revolving borrowings, higher planned short term interest rates and higher planned lease charges. The increase was partially offset by higher planned capitalized interest during construction.

### **REGULATORY ACCOUNT TRANSFERS**

The Company has established various regulatory accounts with the approval of the BCUC. Regulatory accounts allow the Company to defer certain types of revenue and cost variances through transfers to and from the accounts which have the effect of adjusting net income. The deferred amounts are then included in customer rates in future periods, subject to approval by the BCUC. Net regulatory account transfers are comprised of the following:

		nonths	For the	six m	onths		
		ended S	eptem	ber 30	ended S	epten	nber 30
		2013		2012	2013		2012
Energy Accounts							
Heritage Deferral	\$	21	\$	7	\$ 30	\$	40
Non-Heritage Deferral		8		(35)	36		(71)
Trade Income Deferral		17		(13)	183		(15)
		46		(41)	249		(46)
Forecast Variance Accounts							
Finance Charges		(15)		(14)	(38)		(20)
Rate Smoothing Account		24		(9)	49		(18)
Other		(14)		(7)	(17)		(12)
nital-Like Accounts		(5)		(30)	(6)		(50)
Capital-Like Accounts							
Demand Side Management (DSM)		25		28	46		56
Site C		15		23	28		38
Smart Metering and Infrastructure (SMI)		18		22	38		41
IFRS Property, Plant and Equipment		45		49	90		98
		103		122	202		233
Non-Cash Accounts							
Environmental Provisions		36		23	24		49
First Nations		20		4	30		9
Other		2		2	3		4
		58		29	57		62
Amortization of regulatory accounts		(76)		(74)	(147)		(148)
Interest on regulatory accounts		17		15	 27		27
Net change in regulatory accounts	\$	143	\$	21	\$ 382	\$	78

For the three and six months ended September 30, 2013, net increases to the Company's regulatory accounts were \$143 million and \$382 million, respectively. The net asset balance in the regulatory asset and liability accounts as at September 30, 2013 was \$4,816 million compared to \$4,434 million as at March 31, 2013.

Net additions to the regulatory accounts during the three and six months ended September 30, 2013 included:

- Increases to the energy deferral accounts primarily due to the California litigation settlement and higher IPP costs and lower domestic revenue;
- Planned expenditures on DSM projects, which support energy conservation, Site C project and SMI; and
- Transfers to the IFRS Property, Plant and Equipment regulatory account for smoothing the rate impact of overhead costs eligible for capitalization under CGAAP but not eligible under IFRS as they are not considered directly attributable to the construction of capital assets.

These net additions were partially offset by a decrease in the regulatory accounts during the period primarily due to:

- Transfers from the Rate Smoothing regulatory account to smooth the rate increases over the three years covered by the Amended F2012-F2014 Revenue Requirements Application. The balance of the Rate Smoothing regulatory account will be fully drawn down by the end of fiscal 2014; and
- Transfers to the Finance Charges regulatory liability account due to favourable variances to the forecast.

### PAYMENT TO THE PROVINCE

Under a Special Directive from the Province, the Company is required to make an annual payment to the Province (the Payment) on or before June 30 of each year. The Payment is equal to 85 per cent of the Company's net income for the most recently completed fiscal year unless the debt to equity ratio, as defined by the Special Directive, after deducting the Payment, is greater than 80:20. If the Payment would result in a debt to equity ratio exceeding 80:20, then the Payment is the greatest amount that can be paid without causing the debt to equity ratio to exceed 80:20. No Payment has been accrued as at September 30, 2013 for fiscal 2014 as the Company's debt to equity ratio is over the 80:20 cap before any dividend accrual.

#### LEGAL PROCEEDINGS

#### CALIFORNIA SETTLEMENT

On October 4, 2013, the Federal Energy Regulatory Commission (FERC) issued an Order approving the settlement between Powerex and Pacific Gas and Electric, Southern California Edison, San Diego Gas and Electric, the California Attorney General, and the California Public Utilities Commission (the California Parties) arising from events and transactions in the California power market during the 2000 and 2001 period. The settlement will become final when the appeal period from FERC's Order has expired and there is no appeal. As part of the settlement, Powerex made a net cash payment into escrow of US\$273 million which translated to CDN\$287 million on the transaction date and CDN\$281 million as at September 30, 2013, which was recorded as restricted cash. The net cash payment was calculated as the difference between the agreed upon settlement amount of US\$750 million and the receivables and interest owing from the California parties to Powerex of US\$477 million. This was accounted for as an adjusting subsequent event and an expense of CDN\$214 million was recorded in the first quarter. The expense was calculated on the transaction date as the net cash settlement amount of CDN\$287 million (US\$273 million) less amounts previously accrued related to legal claims of CDN\$73 million. The Province has advised BC Hydro that it intends to issue a direction or regulation by the end of fiscal 2014 directing BC Hydro to maintain its net income forecast for fiscal 2014 through fiscal 2016 from the February 2013 Budget. As a result, the loss was deferred to the TIDA.

#### RATE REGULATION

In the process of regulating and setting rates for BC Hydro, the BCUC must ensure that the rates are sufficient to allow BC Hydro to provide reliable electricity service, meet its financial obligations, comply with government policy and achieve an annual rate of return on deemed equity (ROE). The annual rate of return is equal to the pre-income tax annual rate of return allowed by the BCUC to the most comparable investor-owned energy utility regulated under the *Utilities Commission Act*. This is in accordance with Heritage Special Direction No. HC2. The allowed rate of return for fiscal 2014 is 11.84 per cent, and is higher than the prior year's allowed rate of 11.73 per cent due to a change in the FortisBC Energy Inc. tax rate.

During April 2013, the BCUC issued the Generic Cost of Capital (GCOC) decision which resulted in a reduction in the Benchmark Utility Return on Equity from 9.5 per cent to 8.75 per cent which would result in a decrease to the BC Hydro allowed rate of return (ROE) for fiscal 2014 from 11.84 per cent to 10.62 per cent. However, the Province has advised BC Hydro that it intends to issue a direction or regulation by the end of fiscal 2014 directing BC Hydro to maintain its net income forecast for fiscal 2014 through fiscal 2016 from the February 2013 Budget. Had the impact of the GCOC decision been reflected in the six months ended September 30, 2013, the Non-Heritage Deferral Account, and consequently net income, would have been approximately \$24 million lower than recorded.

#### INDUSTRIAL ELECTRICITY POLICY REVIEW

Following a commitment to launch a public process on the retail access provisions of the Transmission Service Rate for industrial electricity customers made in late 2011, the Province subsequently committed to undertake an Industrial Electricity Policy Review during the BCUC Certificate of Public Convenience and Necessity (CPCN) proceeding related to the DCAT Project.

The review was officially launched in late January 2013 when a three person panel was appointed by Government. The main issue to be reviewed is with regard to changes to transmission voltage rates, or the regulatory framework within which those rates are established, and which could be made to advance the objectives of electricity conservation, economic development and take into account the current environmental policy. On June 19, 2013, the Government extended the deadline for the completion of the review to October 31, 2013. In addition, Government supplemented the Terms of Reference to include a review of Industrial Time-of-Use rates, utility interconnection and retail access policies in other relevant jurisdictions. On October 4, 2013, the Industrial Electricity Policy Review Task Force Interim Report was issued. Comments on the Interim Report were due by October 18, 2013.

#### AVAILABLE TRANSFER CAPACITY (ATC) RULE

On December 5, 2011, the Alberta Electric System Operator (AESO) filed a proposed rule with the Alberta Utilities Commission (AUC) to allocate ATC between the existing BC - Alberta intertie and new interties when the Alberta system is constrained and cannot accommodate the total ATC of all interties. BC Hydro participated in the hearing opposing the proposed rule because of the harm it would cause to the Company and its ratepayers. The AUC issued its decision on February 1, 2013 approving the rule as filed. On March 4, 2013, BC Hydro and Powerex filed a motion for leave to appeal the AUC decision with the Alberta Court of Appeal. BC Hydro and Powerex also filed a request for Review and Variance with the AUC on April 2, 2013. On August 16, 2013, the AUC issued its decision denying the request for Review and Variance. The motions for leave to appeal will be heard in November 2013.

#### NEW POWER PURCHASE AGREEMENT WITH FORTISBC

In May 2013, BC Hydro filed an application with the BCUC for approval of a new 20-year Power Purchase Agreement (PPA) with FortisBC. BC Hydro's current PPA with FortisBC has been in place since 1993 and expired on September 30, 2013. BC Hydro and FortisBC have been in negotiations for a new agreement for several years. The BCUC conducted a written process to review the application and a decision is expected in December 2013.

#### APPLICATION FOR APPROVAL OF CHARGES RELATED TO METER CHOICES PROGRAM

On October 7, 2013, BC Hydro filed an application with the BCUC for approval of new charges related to its Meter Choices Program, pursuant to Government Direction No. 4 issued on September 25, 2013. The application requests approval of changes to BC Hydro's Electric Tariff that will allow BC Hydro to charge customers who choose to retain a legacy meter, or choose the radio-off option for their smart meters, a fee designed to recover the additional costs of meter options other than a smart meter. The application also requests approval of a regulatory account to capture the costs to BC Hydro of offering the meter choices program to its customers and approval to charge a failed installation charge to those customers who have a failed meter installation. The BCUC has established a written process with two rounds of information requests to review the application. The first round of information requests will be issued to BC Hydro on November 6, 2013, with responses due on November 22, 2013.

## LIQUIDITY AND CAPITAL RESOURCES

Cash flow provided by operating activities for the six months ended September 30, 2013 was \$71 million, compared with cash flow provided by operating activities of \$331 million in the prior fiscal year. The decrease was primarily due to a decrease in cash flows from net income before regulatory transfers due to higher energy costs and higher operating expenses, partially offset by higher revenues. A decrease in working capital due to timing also contributed to the decrease in cash flows.

The long-term debt balance net of sinking funds at September 30, 2013 was \$15,117 million, compared with \$14,022 million at March 31, 2013. The increase was mainly as a result of an increase in revolving borrowings of \$797 million, an increase in net long-term debt bond issues totaling \$1,011 million (\$1,150 million par value), and net foreign exchange revaluation losses of \$15 million. These increases were partially offset by long-term bond redemptions totaling \$706 million par value, net gains on economic hedging activities of \$13 million, amortization of premiums of \$6 million and sinking fund income of \$3 million.

## PROPERTY, PLANT AND EQUIPMENT EXPENDITURES

Property, plant and equipment expenditures were as follows:

	For the	three	months	For the six mont				
	ended S	Septen	nber 30		ended S	epten	nber 30	
(in millions)	2013		2012		2013		2012	
Distribution system improvements and expansion	\$ 84	\$	73	\$	150	\$	149	
Generation replacements and expansion	110		113		211		204	
Transmission lines and substations replacements & expansion	285		210		461		355	
Smart Metering and Infrastructure program	20		77		44		174	
General, including computers, vehicles and building improvements	56		45		91		71	
Total Property, Plant and Equipment Expenditures	\$ 555	\$	518	\$	957	\$	953	

Total property, plant and equipment expenditures presented in this table are different from the expenditures in the Consolidated Interim Statement of Cash Flows due to effect of accruals related to these expenditures.

Distribution capital expenditures for the three and six months ended September 30, 2013 were \$84 million and \$150 million, respectively, which includes expenditures on customer driven work and asset replacements and system expansion and improvements.

Generation capital expenditures for the three and six months ended September 30, 2013 were \$110 million and \$211 million, respectively, which includes expenditures for Mica Units 5 & 6 Installation, Ruskin Dam and Powerhouse Upgrade, G.M. Shrum Units 1 to 5 Turbine Rehabilitation, and Hugh Keenleyside Spillway Gate Reliability Upgrade projects.

Transmission capital expenditures for the three and six months ended September 30, 2013 were \$285 million and \$461 million, respectively, which includes expenditures for the Northwest Transmission Line, Interior to Lower Mainland Transmission, Seymour Arms Series Capacitor, Vancouver City Central Transmission, Surrey Area Substation, Big Bend Substation, and Silverdale Substation projects.

SMI capital expenditures for the three and six months ended September 30, 2013 were \$20 million and \$44 million, respectively, which were \$57 million and \$130 million below expenditures for the same periods in the prior fiscal year when the SMI program was in full implementation, including the mass deployment of meters which is now complete with the exception of the Meter Choices customers. Currently, activities are focused around network equipment purchases and remaining meter installations.

General capital expenditures for the three and six months ended September 30, 2013 were \$56 million and \$91 million, respectively, which primarily included expenditures on various technology projects and properties programs.

#### **RISK MANAGEMENT**

BC Hydro is exposed to numerous risks, which can be broadly classified as either "Operating" or "Strategic" in nature. Operating risks arise from the construction, ownership, operation and decommissioning of the Company's assets. The consequences of operating risks include safety, environmental, financial, reliability and reputational impacts and can range in scale from minor to catastrophic. Significant strategic risks include both long term and short term load/resource balance, exposure to commodity and financial market prices, stakeholder relationships and access to adequate funding. The potential consequences of these risks are similar to those of operating risks and can vary from minor to significant.

The Company strives to manage all the risks it faces on a cost effective basis, taking into account the potential reward to be gained in return for acceptance of the risk. The Company also takes into account the provisions of externally recognized standards appropriate to the risk being managed.

The Board of Directors is accountable for all risks incurred by the Company and its subsidiaries. Authority for risk management is delegated to the Chief Executive Officer. The Chief Risk Officer is charged with the development of the enterprise risk management framework across all of the Company, which provides the basis for consistent application of risk management practices. The Board of Directors and management regularly review and discuss the risk profile of the organization and consider the nature and amount of risk incurred in the pursuit of the organization's objectives.

This section should be read in conjunction with the risks disclosed in the Risk Management section in the Management's Discussion and Analysis presented in the Annual Report for the year ended March 31, 2013.

#### LOAD/ENERGY RESOURCE BALANCE

Variations in system inflows, market prices, and domestic load can significantly influence cost of energy. The system inflow energy for fiscal 2014 is forecast to be two percent below average compared to the system inflow energy for fiscal 2013 which was nine per cent above average, with unusually high water conditions and some flooding impacts during the spring and summer of 2012. The fiscal 2014 forecast of net market sales is 11 GWh, which is significantly lower than the prior year net market sales of approximately 6,500 GWh (equivalent to 12 per cent of our domestic load) due to high inflow conditions.

Several factors constrain the Company's ability to use its stored system energy to meet load throughout the year. These factors include generating unit outages at major plants (forced outages and capital projects) as well as water management constraints which limit generation at the major plants during some periods. Even when the system has annual net energy sales, some electricity purchases are likely required during constrained periods of the year (e.g. late fall, winter, early spring), while electricity sales may be unavoidable during other periods to minimize spill from system reservoirs. The value of these purchases and sales is subject to market price risk.

Electricity demand is generally increasing as B.C.'s population increases. However, this demand can be variable for large industrial customers due to variability in export markets and world commodity prices, and the potential for major new loads such as Liquefied Natural Gas (LNG). The Company has been and continues to work closely with the Government and LNG project proponents on plans to meet these potentially very large demands. The Company regularly models the projected supply-demand balance of the system over the short term to plan optimum system operations and over the medium term to cost-effectively meet demand.

## FUTURE OUTLOOK

The *Budget Transparency and Accountability Act* requires that BC Hydro file a Service Plan each year. BC Hydro's Service Plan filed in February 2013 forecasts net income for fiscal 2014 at \$545 million.

BC Hydro filed a revised Service Plan in June 2013 that was incorporated as part of the Provincial Government Budget Update. The revised Service Plan forecast net income for fiscal 2014 remains unchanged at \$545 million.

The Company's results can fluctuate significantly due to various non-controllable factors such as the level of water inflows, customer load, market prices for electricity and natural gas, weather, temperatures, interest rates and foreign exchange rates. The impact to net income of these non-controllable factors is largely mitigated through the use of regulatory accounts. The updated forecast assumes lower than average water inflows (99 per cent of average) for fiscal 2014, domestic load of 56,174 GWh, average market energy prices of CDN \$34.36/MWh, short-term interest rates of 1.10 per cent and a U.S. dollar exchange rate of US\$0.9551.

The Company filed an updated forecast with the Province in October 2013. The updated net income forecast for fiscal 2014 is \$545 million. The significant changes from the Service Plan for fiscal 2014 include a small reduction in load, and a decrease in the forecast cost of energy resulting mainly from lower IPP purchases.

# BRITISH COLUMBIA HYDRO AND POWER AUTHORITY CONDENSED CONSOLIDATED INTERIM FINANCIAL STATEMENTS

# UNAUDITED CONDENSED CONSOLIDATED INTERIM STATEMENTS OF COMPREHENSIVE INCOME

	For the t	hree	months	For the	six n	nonths
	ended S	epter	nber 30	ended S	epter	mber 30
(in millions)	2013		2012	2013		2012
Revenues						
Domestic	\$ 970	\$	887	\$ 1,917	\$	1,781
Trade	253		241	560		405
	1,223		1,128	2,477		2,186
Expenses						
Operating Expenses (Note 4)	981		916	2,032		1,790
Finance Charges (Note 5)	151		137	299		268
Net Income	91		75	146		128
OTHER COMPREHENSIVE INCOME						
Items Reclassified Subsequently to Net Income						
Effective portion of changes in fair value of derivatives designated as cash flow hedges	(7)		(23)	10		(18)
Reclassification to income on derivatives designated						
as cash flow hedges	17		29	(10)		14
Foreign currency translation gains (losses)	(4)		(5)	1		(3)
Other Comprehensive Income (Loss)	6		1	1		(7)
Total Comprehensive Income	\$ 97	\$	76	\$ 147	\$	121

See accompanying Notes to the Unaudited Condensed Consolidated Interim Financial Statements.

# UNAUDITED CONDENSED CONSOLIDATED INTERIM STATEMENTS OF FINANCIAL POSITION

(in millions)	As at September 30 2013	I	As at March 31 2013
ASSETS	2013		2013
Current Assets			
Cash and cash equivalents	\$ 46	\$	60
Restricted cash (Note 15)	281	Ψ	-
Accounts receivable and accrued revenue	499		721
Inventories (Note 7)	188		173
Prepaid expenses	253		201
Current portion of derivative financial instrument assets (Note 14)	67		83
	1,334		1,238
Non-Current Assets	1,004		1,200
Property, plant and equipment (Note 8)	17,819		17,226
Intangible assets (Note 8)	477		438
Regulatory assets (Note 9)	5,102		4,741
Sinking funds	117		112
Derivative financial instrument assets (Note 14)	32		27
	23,547		22,544
	\$ 24,881	\$	23,782
Current Liabilities Accounts payable and accrued liabilities (Notes 11 and 13) Current portion of long-term debt (Note 10)	\$  1,525 3,695	\$	1,544 3,288
Current portion of derivative financial instrument liabilities (Note 14)	52		172
	5,272		5,004
Non-Current Liabilities			
Long-term debt (Note 10)	11,539		10,846
Regulatory liabilities (Note 9)	286		307
Derivative financial instrument liabilities, long-term (Note 14)	74		94
Contributions in aid of construction	1,260		1,196
Post employment benefits	1,407		1,396
Other long-term liabilities (Note 13)	1,396		1,439
	15,962		15,278
Shareholder's Equity	(0		(0
Contributed surplus	60		60
Retained earnings	3,515		3,369
Accumulated other comprehensive income	72		71
	3,647		3,500
	\$ 24,881	\$	23,782

#### Commitments and Contingencies (Notes 8 and 15)

See accompanying Notes to the Unaudited Condensed Consolidated Interim Financial Statements.

Approved on Behalf of the Board:

Stephen Bellringer *Chairman*  Tracey L. McVicar Chair, Audit & Finance Committee

# UNAUDITED CONDENSED CONSOLIDATED INTERIM STATEMENTS OF CHANGES IN EQUITY

					To	otal						
			Unre	alized	Accum	nulated						
	Cum	ulative	Gains/(	Losses)	Ot	her						
	Trans	slation	on Cas	sh Flow	Compre	ehensive	Contr	ibuted	Re	etained		
(in millions)	Res	serve	Hee	dges	Inc	ome	Sur	plus	Ea	rnings	-	Total
Balance, April 1, 2012	\$	21	\$	63	\$	84	\$	60	\$	3,075	\$	3,219
Comprehensive Income (Loss)		(3)		(4)		(7)		-		128		121
Balance, September 30, 2012	2 \$	18	\$	59	\$	77	\$	60	\$	3,203	\$	3,340
Balance, April 1, 2013	\$	17	\$	54	\$	71	\$	60	\$	3,369	\$	3,500
Comprehensive Income		1		-		1		-		146		147
Balance, September 30, 2013	3 \$	18	\$	54	\$	72	\$	60	\$	3,515	\$	3,647

See accompanying Notes to the Unaudited Condensed Consolidated Interim Financial Statements.

# UNAUDITED CONDENSED CONSOLIDATED INTERIM STATEMENTS OF CASH FLOWS

	For the	e six months
	ended S	September 30
(in millions)	2013	2012
Operating Activities		
Net income	\$ 146	\$ 128
Regulatory account transfers	(529)	(226)
Adjustments for non-cash items:		
Amortization of regulatory accounts (Note 9)	147	148
Amortization and depreciation expense	327	307
Unrealized gains on mark-to-market	(46)	(8)
Interest accrual	323	310
Other items	30	(1)
	398	658
Changes in:		
Restricted cash	(281)	-
Accounts receivable and accrued revenue	221	61
Prepaid expenses	(53)	(72)
Inventories	(14)	(17)
Accounts payable, accrued liabilities and other long-term liabilities	42	(81)
Contributions in aid of construction	82	86
	(3)	(23)
Interest paid	(324)	(304)
Cash provided by operating activities	71	331
Investing Activities		
	(880)	(868)
Property, plant and equipment and intangible asset expenditures	(880)	(868)
Cash used in investing activities	(000)	(000)
Financing Activities		
Long-term debt:		
lssued	1,011	1,048
Retired	(706)	-
Receipt of revolving borrowings	4,181	2,850
Repayment of revolving borrowings	(3,384)	(2,956)
Payment to the Province (Note 11)	(215)	(230)
Settlement of derivative instruments	(84)	-
Other items	(8)	(9)
Cash provided by financing activities	795	703
Increase (decrease) in cash and cash equivalents	(14)	166
Cash and cash equivalents, beginning of period	60	12
Cash and cash equivalents, end of period	\$ 46	\$ 178

See accompanying Notes to the Unaudited Condensed Consolidated Interim Financial Statements.

# NOTE 1: REPORTING ENTITY

British Columbia Hydro and Power Authority (BC Hydro) was established in 1962 as a Crown corporation of the Province of British Columbia (the Province) by enactment of the *Hydro and Power Authority Act*. As directed by the *Hydro and Power Authority Act*, BC Hydro's mandate is to generate, manufacture, conserve and supply power. BC Hydro owns and operates electric generation, transmission and distribution facilities in the province of British Columbia.

The condensed consolidated interim financial statements of BC Hydro include the accounts of BC Hydro and its principal wholly-owned operating subsidiaries including Powerex Corp., Powertech Labs Inc., and Columbia Hydro Constructors Ltd., (collectively with BC Hydro, "the Company") including BC Hydro's one third interest in the Waneta Dam and Generating Facility (Waneta). All intercompany transactions and balances are eliminated upon consolidation.

The Company accounts for its one third interest in Waneta as a joint operation. The consolidated financial statements include the Company's proportionate share in Waneta, including its share of any liabilities and expenses incurred jointly with Teck Metals Ltd. and its revenue from the sale of the output in relation to Waneta.

# NOTE 2: BASIS OF PRESENTATION

## **BASIS OF ACCOUNTING**

These condensed consolidated interim financial statements have been prepared in accordance with significant accounting policies that have been established based on the financial reporting provisions prescribed by the Province pursuant to Section 23.1 of the *Budget Transparency and Accountability Act* (BTAA) and Section 9.1 of the *Financial Administration Act* (FAA). In accordance with the directive issued by the Province's Treasury Board, BC Hydro is to prepare its consolidated financial statements in accordance with the accounting principles of International Financial Reporting Standards (IFRS) except that BC Hydro is to apply regulatory accounting in accordance with Financial Accounting Standards Board Accounting Standards Codification 980 (ASC 980), *Regulated Operations* (collectively the "Prescribed Standards"). The application of ASC 980 results in BC Hydro recognizing in the statement of financial position the deferral and amortization of certain costs and recoveries that have been approved by the British Columbia Utilities Commission (BCUC) for inclusion in future customer rates. Such regulatory costs and recoveries would be included in net income unless recovered in rates in the periods the amounts are incurred.

The impact of the application of ASC 980 on these condensed consolidated interim financial statements with respect to BC Hydro's regulatory accounts is described in Note 9.

These condensed consolidated interim statements have been prepared by management in accordance with the principles of IAS 34, *Interim Financial Reporting* and the Prescribed Standards and were prepared using the same accounting policies as described in BC Hydro's 2013 Annual Report except as described in Note 3. These interim consolidated financial statements should be read in conjunction with the Annual Consolidated Financial Statements and accompanying notes in BC Hydro's 2013 Annual Report. Certain amounts in the prior year's comparative figures have been reclassified to conform to the current year's presentation.

These condensed consolidated interim financial statements were approved by the Board of Directors on November 5, 2013.

# NOTE 3: CHANGE IN ACCOUNTING POLICIES

## POST EMPLOYMENT BENEFITS

Effective April 1, 2013, the Company adopted, as required, IAS 19, Employee Benefits, as amended in June 2011.

The amended IAS 19 replaced interest costs on the defined benefit obligation and the expected return on plan assets with a net interest cost based on the net defined benefit asset or liability. The net interest for the period is determined by applying the same discount rate used to measure the defined benefit obligation at the beginning of the annual period to the net defined benefit asset or liability at the beginning of the annual period, taking into account any changes in the net defined benefit asset or liability during the period as a result of current service costs, contributions and benefit payments. Previously, the Company determined expected return on plan assets based on their long term rate of expected return.

The Company applied the amended standard retrospectively to the prior periods presented. The impact of the adoption of the amended IAS 19 on the measurement of employee benefit costs was mitigated by the application of regulatory accounting in the current and prior periods presented.

## FAIR VALUE MEASUREMENT

Effective April 1, 2013, the Company adopted, as required, IFRS 13, *Fair Value Measurement* (IFRS 13) and applied the standard prospectively as required by the transitional provisions. The standard provides a consistent definition of fair value and introduces consistent requirements for disclosures related to fair value measurement. There has been no significant measurement adjustments of items recorded at fair value as a result of the adoption of IFRS 13 in the current period. Some disclosures are specifically required in interim financial statements for financial instruments as a result of consequential amendments to IAS 34 *Interim Financial Reporting*. The additional disclosures are included in Note 14.

Other standards that have been adopted effective April 1, 2013 that have little or no impact on the consolidated financial statements include:

- IFRS 10, Consolidated Financial Statements
- IFRS 11, Joint Arrangements
- IFRS 12, Disclosure of Interests in Other Entities
- Amendments to IAS 1, Presentation of Financial Statements
- IAS 28, Investments in Associates and Joint Ventures
- IFRS 7, Offsetting Financial Assets and Liabilities

# NOTE 4: OPERATING EXPENSES

	For the t	hree i	months		For the	For the six m	
	ended Se		eptember 30		ended S	epter	mber 30
(in millions)	2013		2012		2013		2012
Electricity and gas purchases	\$ 322	\$	303	\$	740	\$	568
Water rentals	90		82		167		156
Transmission charges	54		50		90		82
Personnel expenses	129		126		269		263
Materials and external services	149		135		290		280
Amortization and depreciation (Note 6)	247		236		491		466
Grants and taxes	51		49		102		97
Capitalized costs	(61)		(65)		(119)		(127)
Other costs, net of recoveries	-		-		2		5
Total	\$ 981	\$	916	\$	2,032	\$	1,790

# NOTE 5: FINANCE CHARGES

	For the three months ended September 30				For the	six m	six months	
				nber 30	ended Septe			ember 30
(in millions)	<b>2013</b> 2012			2 <b>2013</b>		2012		
Interest on long-term debt	\$	184	\$	163	\$	365	\$	320
Interest on finance lease liabilities		11		6		23		13
Net interest expense on net defined benefit liability		4		4		7		7
Less: capitalized interest		(27)		(19)		(53)		(37)
Total finance costs		172		154		342		303
Other recoveries		(21)		(17)		(43)		(35)
Total	\$	151	\$	137	\$	299	\$	268

# NOTE 6: AMORTIZATION AND DEPRECIATION

	For the three months			For the six month				
	ended September 30			mber 30 ended S			Septer	nber 30
(in millions)		2013		2012		2013		2012
Depreciation of property, plant and equipment	\$	150	\$	139	\$	297	\$	279
Amortization of intangible assets		15		14		30		28
Amortization of regulatory accounts and other		82		83		164		159
Total	\$	247	\$	236	\$	491	\$	466

# NOTE 7: INVENTORIES

	As at	A	ls at	
	September 30		rch 31	
(in millions)	2013		2013	
Materials and supplies	\$ 110	\$	108	
Natural gas trading inventories	78		65	
Total	\$ 188	\$	173	

During the three and six months ended September 30, 2013, an impairment recovery of \$1 million and an impairment of \$2 million, respectively (three and six months ended September 30, 2012 – impairment recovery of \$8 million and \$16 million, respectively) was charged to cost of energy to adjust the recorded value of natural gas inventories as a result of fluctuations in market prices. As at September 30, 2013, \$37 million (September 30, 2012 – \$52 million) of the value of natural gas inventories was valued at net realizable value.

# NOTE 8: PROPERTY, PLANT AND EQUIPMENT AND INTANGIBLE ASSETS

Property, plant and equipment and intangible asset expenditures for the three and six months ended September 30, 2013 were \$555 million and \$957 million, respectively (2012 - \$518 million and \$953 million, respectively).

As of September 30, 2013, the Company has contractual commitments to spend \$880 million on major property, plant and equipment projects (for individual projects greater than \$50 million).

# NOTE 9: RATE REGULATION

## **REGULATORY ACCOUNTS**

The following regulatory assets and liabilities have been established through rate regulation. In the absence of rate regulation, these amounts would be reflected in net income unless the Company sought recovery through rates in the year which they are incurred. For the three and six months ended September 30, 2013, the impact of regulatory accounting has resulted in an increase to comprehensive income of \$143 million and \$382 million, respectively (2012 - \$21 million and \$78 million increase, respectively). For each regulatory account, the amount reflected in the Net Change column in the following regulatory tables represents the impact on comprehensive income for the applicable year, unless otherwise recovered through rates. Under rate regulated accounting, a net decrease in a regulatory asset or a net increase in a regulatory liability results in a decrease to comprehensive income.

(in millions)	April 1 2013	Addition (Reduction)	Amortization	Net Change	Sptember 30 2013
Regulatory Assets					- <u>-</u>
Heritage Deferral Account	\$ 70	\$ 31	\$ (8)	\$ 23	\$ 93
Non-Heritage Deferral Account	467	46	(52)	(6)	461
Trade Income Deferral Account	190	188	(21)	167	357
Demand-Side Management Programs	733	46	(32)	14	747
First Nation Negotiations,					
Litigation & Settlement Costs	553	30	(3)	27	580
Non-Current Pension Cost	544	(8)	(9)	(17)	527
Site C	258	34	-	34	292
CIA Amortization Variance	75	3	-	3	78
Environmental Provisions	367	24	(4)	20	387
Smart Metering and Infrastructure	192	42	-	42	234
Finance Charges	1	(1)	-	(1)	_
IFRS Pension & Other					
Post-Employment Benefits	723	_	(17)	(17)	706
IFRS Property, Plant and Equipment	447	89	(4)	85	532
Other Regulatory Accounts	121	1	(14)	(13)	108
Total Regulatory Assets	4,741	525	(164)	361	5,102
Regulatory Liabilities					
Future Removal and Site Restoration Costs	88	-	(17)	(17)	71
Rate Smoothing	111	(49)	-	(49)	62
Foreign Exchange Gains and Losses	100	(2)	-	(2)	98
Finance Charges	_	37	-	37	37
Other Regulatory Accounts	8	10	-	10	18
Total Regulatory Liabilities	307	(4)	(17)	(21)	286
Net Regulatory Asset	\$ 4,434	\$ 529	\$ (147)	\$ 382	\$ 4,816

During April 2013, the BCUC issued the Generic Cost of Capital (GCOC) decision which resulted in a reduction in the Benchmark Utility Return on Equity from 9.5 per cent to 8.75 per cent which would result in a decrease to the BC Hydro allowed rate of return (ROE) for fiscal 2014 from 11.84 per cent to 10.62 per cent. The Province has advised BC Hydro that it intends to issue a direction or regulation by the end of fiscal 2014 directing BC Hydro to maintain its net income forecast for fiscal 2014 through fiscal 2016 from the February 2013 Budget. Had the impact of the GCOC decision been reflected in the six months ended September 30, 2013, the Non-Heritage Deferral Account, and consequently net income, would have been approximately \$24 million lower than recorded.

On October 4, 2013, the Company's subsidiary Powerex received approval by the Federal Energy Regulatory Commission (FERC) for a settlement agreement with parties involved in the various ongoing legal claims in California to resolve all outstanding claims and litigation filed against it arising from events and transactions in the California power market during the 2000 and 2001 period (see Note 15). This was accounted for as an adjusting subsequent event in the first quarter which resulted in an expense of \$214 million. The Province has advised BC Hydro that it intends to issue a direction or regulation by the end of fiscal 2014 directing BC Hydro to maintain its net income forecast for fiscal 2014 through fiscal 2016 from the February 2013 Budget. As a result, the loss was fully deferred to the Trade Income Deferral Account (TIDA).

## OTHER REGULATORY ACCOUNTS

Other regulatory asset and liability accounts with individual balances less than \$40 million include the following: Arrow Water Systems Divestiture, Capital Project Investigation Costs, Home Purchase Option Program, Return on Equity (ROE) Adjustment, Waneta Rate Smoothing, Asbestos Remediation, Amortization of Capital Additions, and Storm Damage.

## NOTE 10: LONG-TERM DEBT AND DEBT MANAGEMENT

The Company's long-term debt comprises bonds and debentures and revolving borrowings obtained under an agreement with the Province.

In the three month period ended September 30, 2013, the Company issued bonds with net proceeds of \$686 million and par value of \$800 million (2012- net proceeds of \$393 million and par value of \$355 million), a weighted average effective interest rate of 4.05 per cent (2012- 3.13 per cent) and a weighted average term to maturity of 28 years (2012 – 24 years). For the six month period ended September 30, 2013, the Company issued bonds with net proceeds of \$1,011 million and par value of \$1,150 million (2012 – net proceeds of \$1,048 million and par value of \$933 million), a weighted average effective interest rate of 3.92 per cent (2012 – 3.31 per cent) and a weighted average term to maturity of 30 years (2012 – 25 years).

# NOTE 11: CAPITAL MANAGEMENT

Orders in Council from the Province establish the basis for determining the Company's equity for regulatory purposes, as well as the annual Payment to the Province. Capital requirements are consequently managed through the retention of equity subsequent to the Payment to the Province and a limit on the Payment to the Province if it would cause the debt to equity ratio to exceed 80:20.

The Company monitors its capital structure on the basis of its debt to equity ratio. For this purpose, the applicable Order in Council defines debt as revolving borrowings and interest-bearing borrowings less investments held in sinking funds and cash and cash equivalents. Equity comprises retained earnings, accumulated other comprehensive income (loss) and contributed surplus.

During the six months ended September 30, 2013, there were no changes in the approach to capital management.

The debt to equity ratio at September 30, 2013 and March 31, 2013 was as follows:

	As at	As at
	September 30	March 31
(in millions)	2013	2013
Total debt, net of sinking funds	\$ 15,117	\$ 14,022
Less: Cash and cash equivalents	(46)	(60)
Net Debt	\$ 15,071	\$ 13,962
Retained earnings	\$ 3,515	\$ 3,369
Contributed surplus	60	60
Accumulated other comprehensive income	72	71
Total Equity	\$ 3,647	\$ 3,500
Net Debt to Equity Ratio	81 : 19	80 : 20

## PAYMENT TO THE PROVINCE

The Company is required to make an annual Payment to the Province (the Payment) on or before June 30 of each year. The Payment is equal to 85 per cent of the Company's net income for the most recently completed fiscal year unless the debt to equity ratio, as defined by the Province, after deducting the Payment, is greater than 80:20. If the Payment would result in a debt to equity ratio exceeding 80:20, then the Payment is the greatest amount that can be paid without causing the debt to equity ratio to exceed 80:20. No Payment has been accrued as at September 30, 2013 (March 31, 2013 - \$215 million, included in accounts payable and accrued liabilities) as the Company's debt to equity ratio is over the 80:20 cap before any dividend accrual.

## NOTE 12: POST EMPLOYMENT BENEFITS

The expense recognized in the statement of comprehensive income for the Company's benefit plans prior to any capitalization of employment costs attributable to property, plant and equipment and intangible asset additions for the three and six months ended September 30, 2013 was \$27 million and \$55 million, respectively (2012 - \$24 million and \$48 million, respectively).

Contributions to the registered defined benefit pension plans for the three and six months ended September 30, 2013 were \$16 million and \$31 million, respectively (2012 - \$12 million and \$24 million, respectively).

# NOTE 13: OTHER LONG-TERM LIABILITIES

	September 30	March 31
(in millions)	2013	2013
Provisions		
Environmental liabilities	\$ 349	\$ 340
Decommissioning obligations	51	52
Other	297	43
Total Provisions	697	435
First Nations liabilities	406	387
Finance lease obligations	284	292
Deferred revenue - Skagit River Agreement	417	423
	1,804	1,537
Less: Current portion, included in accounts payable and accrued liabilities	(408)	(98)
Total	\$ 1,396	\$ 1,439

Other provisions include \$281 million relating to the California Settlement described in Note 15.

# NOTE 14: FINANCIAL INSTRUMENTS

Finance charge income and expenses for financial instruments disclosed in the following note are prior to the application of regulatory accounting for the three and six months ended September 30, 2013.

## CATEGORIES OF FINANCIAL INSTRUMENTS

The following table provides a comparison of carrying values and fair values for non-derivative financial instruments as at September 30, 2013:

		s at er 30, 2013		come (Expense) Finance Charges		
	Carrying	cr 00, 2010	For the three months	For the six months		
(in millions)	Value	Fair Value	ended September 30	ended September 30		
Financial Assets and Liabilities at Fair Value						
Through Profit or Loss:						
Short-term investments	\$8	\$8	\$ -	\$ 1		
Designated long-term debt	-	-	(5)	(13)		
Loans and Receivables:						
Accounts receivable and accrued revenue	499	499	-	-		
Restricted cash	281	281	-	-		
Cash	38	38	-	-		
Held to Maturity:						
Sinking funds – US	116	129	2	3		
Available for Sale:						
Sinking funds – US	1	1	-	_		
Other Financial Liabilities:						
Accounts payable and accrued liabilities	(1,525)	(1,525)	-	-		
Revolving borrowings - CAD	(1,867)	(1,867)	(4)	(9)		
Revolving borrowings - US	(1,504)	(1,504)	(1)	(1)		
Long-term debt (including current portion						
due in one year)	(11,863)	(13,050)	(149)	(294)		
First Nations liability (long-term portion only)	(375)	(527)	(5)	(11)		
Finance Lease Obligation (long-term portion only)	(267)	(267)	(6)	(12)		

For non-derivative financial assets and liabilities classified as financial assets and liabilities at fair value through profit or loss, gains of \$4 million and \$12 million, respectively, have been recognized in net income for the three and six months ended September 30, 2013 relating to changes in fair value. For short-term investments, loans and receivables, and accounts payable and accrued liabilities, the carrying value approximates fair value due to the short duration of these financial instruments.

The fair value of derivative instruments designated and not designated as hedges, was as follows:

		tember 30	nber 30, 2013	
	Car	rrying	ŀ	air
(in millions)	Va	alue	V	alue
Derivative Instruments Used to Hedge Risk Associated with Long-term Debt:				
Foreign currency contracts (cash flow hedges for \$US denominated long-term debt)	\$	[62]	\$	[62]
Non-Designated Derivative Instruments:				
Foreign currency contracts		(9)		(9)
Commodity derivatives		44		44
		35		35
Total	\$	(27)	\$	(27)
The derivatives are represented on the statement of financial position as follows:				
(in millions)		As at Sep	tember 30	, 2013
Current portion of derivative financial instrument assets			\$	67
Current portion of derivative financial instrument liabilities				(52)
Derivative financial instrument assets, long-term				32

For designated cash flow hedges for the three and six months ended September 30, 2013, a loss of \$7 million and a gain of \$10 million, respectively, were recognized in other comprehensive income. For the three and six months ended September 30, 2013, \$17 million and \$10 million, respectively, were removed from other comprehensive income and reported in net income, offsetting foreign exchange losses recorded in the period.

(74)

(27)

\$

For the three and six months ended September 30, 2013, a loss of \$39 million and a gain of \$2 million, respectively, were recognized in finance charges with respect to foreign currency contracts for U.S. short-term borrowings. These economic hedges offset \$7 million of foreign exchange revaluation losses recorded with respect to U.S. short-term borrowings as at September 30, 2013. Net gains of \$8 million and \$18 million, respectively, were recorded in trade revenue for the three and six months ended September 30, 2013 with respect to commodity derivatives.

## FAIR VALUE HIERARCHY

Total

Derivative financial instrument liabilities, long-term

The following provides an analysis of financial instruments that are measured subsequent to initial recognition at fair value, grouped based on the lowest level of input that is significant to that fair value measurement.

The inputs used in determining fair value are characterized by using a hierarchy that prioritizes inputs based on the degree to which they are observable. The three levels of the fair value hierarchy are as follows:

- Level 1 values are quoted prices (unadjusted) in active markets for identical assets and liabilities.
- Level 2 inputs are those other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, as of the reporting date.
- Level 3 inputs are those that are not based on observable market data.

The following table presents the financial assets and financial liabilities measured at fair value for each hierarchy level as at September 30, 2013:

(in millions)	Le	evel 1	Le	evel 2	Le	vel 3	Г	Fotal
Short-term investments	\$	8	\$	-	\$	_	\$	8
Derivatives designated as hedges		-		7		-		7
Derivatives not designated as hedges		18		33		38		89
Total financial assets carried at fair value	\$	26	\$	40	\$	38	\$	104
Derivatives designated as hedges	\$	-	\$	(69)	\$	-	\$	(69)
Derivatives not designated as hedges		(18)		(36)		-		(54)
Total financial liabilities carried at fair value	\$	(18)	\$	(105)	\$	-	\$	(123)

The Company determines Level 2 fair values for debt securities and derivatives using discounted cash flow techniques, which uses contractual cash flows and market-related discount rates.

Level 2 fair values for energy derivatives are determined using inputs other than unadjusted quoted prices that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices). Level 2 includes bilateral and over-the-counter contracts valued using interpolation from observable forward curves or broker quotes from active markets for similar instruments and other publicly available data, and options valued using industry-standard and accepted models incorporating only observable data inputs.

There were no transfers between Levels 1 and 2 during the period.

....

The following table reconciles the changes in the balance of financial instruments carried at fair value on the statement of financial position, classified as Level 3, for the six months ended September 30, 2013:

Balance at September 30, 2013	\$ 38
Existing transactions settled	(6)
New transactions	(5)
Cumulative impact of net gain recognized	15
Balance at April 1, 2013	\$ 34
[in millions]	

Level 3 fair values for energy derivatives are determined using inputs that are not observable. Level 3 includes instruments valued using observable prices adjusted for unobservable basis differentials such as delivery location and product quality, instruments which are valued by extrapolation of observable market information into periods for which observable market information is not yet available, and instruments valued using internally developed or non-standard valuation models.

Net gains of \$12 million and \$21 million, respectively, recognized in net income during the three and six months ended September 30, 2013 relate to Level 3 financial instruments held at September 30, 2013. The net gains are recognized in trade revenue.

The Company believes that the use of reasonable alternative valuation input assumptions in the calculation of Level 3 fair values would not result in significantly different fair values.

# NOTE 15: COMMITMENTS AND CONTINGENCIES

## CALIFORNIA SETTLEMENT

On October 4, 2013, the Federal Energy Regulatory Commission (FERC) issued an Order approving the settlement between Powerex and Pacific Gas and Electric, Southern California Edison, San Diego Gas and Electric, the California Attorney General, and the California Public Utilities Commission (the California Parties) arising from events and transactions in the California power market during the 2000 and 2001 period. The settlement will become final when the appeal period from FERC's Order has expired and there is no appeal. As part of the settlement, Powerex made a net cash payment into escrow of US\$273 million which translated to CDN\$287 million on the transaction date and CDN\$281 million as at September 30, 2013, which was recorded as restricted cash. The net cash payment was calculated as the difference between the agreed upon settlement amount of US\$750 million and the receivables and interest owing from the California parties to Powerex of US\$477 million. This was accounted for as an adjusting subsequent event during the first quarter and an expense of CDN\$214 million was recorded. The expense was calculated on the transaction date as the net cash settlement amount of CDN\$287 million (US\$273 million) less amounts previously accrued related to legal claims of CDN\$73 million. The Province has advised BC Hydro that it intends to issue a direction or regulation by the end of fiscal 2014 directing BC Hydro to maintain its net income forecast for fiscal 2014 through fiscal 2016 from the February 2013 Budget. As a result, the loss was deferred to the TIDA.

# NOTE 16: SEASONALITY OF OPERATING RESULTS

Due to the seasonal nature of the Company's operations, the condensed consolidated interim statement of comprehensive income is not indicative of operations on an annual basis. Seasonal impacts of weather, including its impact on water inflows, energy consumption within the region and market prices of energy, can have a significant impact on the Company's operating results.