

Bow Valley Credit Union Ltd.
Financial Statements
Year Ended October 31, 2023

Bow Valley Credit Union Ltd.
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Year Ended October 31, 2023

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Management's Responsibility for Financial Reporting

The financial statements of Bow Valley Credit Union Ltd. and all other information contained in the annual report are prepared and presented by management, which is responsible for their accuracy, objectivity and completeness. This responsibility includes presenting the statements in accordance with International Financial Reporting Standards (IFRS). The preparation of the statements necessarily involves the use of estimates, which are made using careful judgment.

Management is responsible for maintaining a system of internal controls designed to provide reasonable assurance as to the reliability of financial information and the safeguarding of assets.

The Board of Directors (Board) has the ultimate responsibility for these financial statements. The Board oversees management's responsibilities for financial reporting through an Audit Committee (Committee), which is composed entirely of directors who are not officers or employees of Bow Valley Credit Union Ltd. The Committee reviews the financial statements and recommends them to the Board for approval.

To carry out its duties, the Committee reviews the annual financial statements, as well as issues related to them. The Committee also assesses the effectiveness of internal controls over the accounting and financial reporting systems. The Committee's review of financial reports includes an assessment of key management estimates and judgments material to the financial results.

The external auditor, appointed by the Board of Directors, conducted an audit of these financial statements in accordance with Canadian generally accepted auditing standards. The external auditor has full and unrestricted access to the Audit Committee to discuss their audit findings as to the integrity of Bow Valley Credit Union Ltd.'s financial reporting and adequacy of internal controls.

Mowbrey Gil LLP Chartered Professional Accountants has examined these financial statements and their report follows.

Brett Oland

Mr. Brett Oland
Chief Executive Officer

Oleg Kostyuchok

Mr. Oleg Kostyuchok
Vice President, Finance

Cochrane, Alberta
January 16, 2024



Independent Auditor's Report

To the Members of Bow Valley Credit Union Ltd.

Opinion

We have audited the financial statements of Bow Valley Credit Union Ltd. (the Credit Union), which comprise the statement of financial position as at October 31, 2023, and the statements of income and comprehensive income, changes in members' equity and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Credit Union as at October 31, 2023, and the financial performance and cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRS).

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Credit Union in accordance with ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

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

In preparing the financial statements, management is responsible for assessing the Credit Union's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Credit Union or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Credit Union's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

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Independent Auditor's Report To the Members of Bow Valley Credit Union Ltd. *(continued)*

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit 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 Credit Union's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Credit Union's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Credit Union to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Edmonton, Alberta
January 16, 2024

Mowbray Gil LLP

CHARTERED PROFESSIONAL ACCOUNTANTS

Bow Valley Credit Union Ltd.
Statement of Financial Position
October 31, 2023

	2023	2022
Assets		
Cash and cash equivalents (Note 4)	\$ 5,496,232	\$ 21,767,345
Investments and accrued interest (Note 5)	115,167,213	42,584,292
Member loans receivable and accrued interest (Note 6)	436,067,506	431,197,312
Income taxes recoverable	79,584	-
Other assets (Note 7)	1,262,080	430,525
Investment property (Note 8)	2,514,667	1,200,000
Property and equipment (Note 9)	8,122,049	9,474,426
Intangible assets (Note 10)	210,653	250,847
Derivative financial assets (Note 11)	405,253	-
	\$569,325,237	\$506,904,747
Liabilities		
Member deposits and accrued interest (Note 12)	\$526,808,571	\$446,810,099
Accounts payable and accrued liabilities	1,215,331	841,677
Income taxes payable	-	11,591
Revolving term loan (Note 13)	-	22,500,000
Leases (Note 14)	2,921,305	3,156,589
Deferred taxes (Note 15)	427,300	330,000
	531,372,507	473,649,956
Contingent liabilities and commitments (Note 13)		
Subsequent event		
Members' equity		
Member shares (Note 16)	15,052,355	12,006,465
Allocation distributable (Note 17)	727,979	459,444
Retained earnings	22,172,396	20,788,882
	37,952,730	33,254,791
	\$569,325,237	\$506,904,747

ON BEHALF OF THE BOARD

Kevin Karponich Director

Rich Mottram Director

Bow Valley Credit Union Ltd.
Statement of Income and Comprehensive Income
Year Ended October 31, 2023

	2023	2022
Interest income		
Member loans	\$ 17,156,702	\$ 12,949,898
Investments	3,226,838	480,031
	<u>20,383,540</u>	<u>13,429,929</u>
Interest expense		
Member deposits	11,145,459	3,601,868
Borrowed funds	126,304	230,625
	<u>11,271,763</u>	<u>3,832,493</u>
Financial margin	<u>9,111,777</u>	<u>9,597,436</u>
Other income (expense)		
Service and other charges	1,761,410	1,752,113
Fair market value adjustment of investment property (Note 8)	1,125,238	484,077
Unrealized gain on interest swap derivatives	382,132	-
Sub-lease revenue	327,860	294,059
Allowance for loan loss	(57,609)	(320,072)
	<u>3,539,031</u>	<u>2,210,177</u>
Operating expenses		
Personnel	5,132,761	4,637,783
General	2,704,302	2,680,054
Occupancy	1,860,442	1,338,805
Member security	325,359	336,147
Organization	180,954	191,372
	<u>10,203,818</u>	<u>9,184,161</u>
Income before Profit share and income taxes	<u>2,446,990</u>	<u>2,623,452</u>
Profit share (Note 17)	<u>(212,426)</u>	<u>(191,506)</u>
Income before income taxes	<u>2,234,564</u>	<u>2,431,946</u>
Income taxes (Note 15)		
Current	340,000	435,000
Deferred	97,300	80,250
	<u>437,300</u>	<u>515,250</u>
Net income and comprehensive income for the year	<u>\$ 1,797,264</u>	<u>\$ 1,916,696</u>

Bow Valley Credit Union Ltd.
Statement of Changes in Members' Equity
Year Ended October 31, 2023

	Member shares	Allocation distributable	Retained earnings	2023	2022
Balance - beginning of year	\$ 12,006,465	\$ 459,444	\$ 20,788,882	\$ 33,254,791	\$ 30,563,642
Net income and comprehensive income for the year	-	-	1,797,264	1,797,264	1,916,696
Share capital issued and redeemed for cash, net	2,586,446	-	-	2,586,446	554,947
Member shares issued to settle allocation distributable (<i>Note 16</i>)	459,444	(459,444)	-	-	-
Dividends on investment shares, net of tax recovery (<i>Note 17</i>)	-	535,619	(413,750)	121,869	71,669
Patronage distribution declared (<i>Note 17</i>)	-	192,360	-	192,360	147,837
Balance - end of year	\$ 15,052,355	\$ 727,979	\$ 22,172,396	\$ 37,952,730	\$ 33,254,791

Bow Valley Credit Union Ltd.
Statement of Cash Flows
Year Ended October 31, 2023

	2023	2022
Operating activities		
Net income and comprehensive income for the year	\$ 1,797,264	\$ 1,916,696
Items not affecting cash:		
Amortization of property, equipment and intangible assets	1,275,603	744,434
Fair market value adjustment of interest swap derivative	(382,132)	-
Fair market value adjustment of investment property	(1,125,238)	(484,077)
Deferred taxes	97,300	80,250
Profit share	212,426	191,506
	<u>1,875,223</u>	<u>2,448,809</u>
Changes in non-cash working capital:		
Investments and accrued interest	(72,582,921)	(6,113,891)
Member loans receivable and accrued interest	(4,870,194)	(59,401,463)
Income taxes payable	(91,175)	(292,274)
Other assets	(831,566)	2,159,879
Derivative financial assets	(23,121)	-
Member deposits and accrued interest	79,998,482	40,626,688
Accounts payable and accrued liabilities	373,654	91,823
	<u>1,973,159</u>	<u>(22,929,238)</u>
	<u>3,848,382</u>	<u>(20,480,429)</u>
Investing activity		
Purchase of property, equipment and intangible assets	<u>(72,460)</u>	<u>(107,858)</u>
Financing activities		
Issuance of common and investment shares	3,383,198	1,130,834
Redemption of common and investment shares	(796,752)	(575,887)
Tax recovery on investment share dividends	121,869	71,669
Distribution of profit share	(20,066)	(43,669)
Lease payments	(235,284)	(308,465)
Proceeds from revolving term loan	6,500,000	32,000,000
Repayment of revolving term loan	(29,000,000)	(9,500,000)
	<u>(20,047,035)</u>	<u>22,774,482</u>
Increase (decrease) in cash flow	(16,271,113)	2,186,195
Cash and cash equivalents - beginning of year	<u>21,767,345</u>	<u>19,581,150</u>
Cash and cash equivalents - end of year	<u>\$ 5,496,232</u>	<u>\$ 21,767,345</u>
Cash flows supplementary information		
Interest received	<u>\$ 19,675,590</u>	<u>\$ 13,265,296</u>
Interest paid	<u>\$ 7,161,653</u>	<u>\$ 3,153,436</u>
Income taxes paid	<u>\$ 248,825</u>	<u>\$ 352,744</u>

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

1. Reporting entity information

Entity information

Bow Valley Credit Union Ltd. (the Credit Union) is incorporated under the Credit Union Act (the Act) of the Province of Alberta. The Credit Union operates in the loans and deposit taking industry regulated under the Act and operates six branches serving members in Banff, Calgary, Canmore, Cochrane, Airdrie and their surrounding communities. The address of the Credit Union's registered office is 212 5th Avenue West, Cochrane, Alberta, T4C 2G4.

The Credit Union Deposit Guarantee Corporation (CUDGC), a Provincial Corporation, guarantees the repayment of all deposits with Alberta credit unions, including accrued interest. The Credit Union Act provides that the Province will ensure that CUDGC carries out this obligation.

Statement of compliance

These financial statements have been prepared in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB).

These financial statements for the year ended October 31, 2023 were recommended for approval and authorized for issue by the Board of Directors on January 16, 2024.

Basis of measurement

These financial statements have been prepared on the historic cost basis except for financial assets and financial liabilities classified as available for sale or as fair value with gains or losses included in the statement of income and comprehensive income.

Functional and presentation currency

These financial statements are presented in Canadian dollars (CAD), which is the functional currency of the Credit Union.

2. Significant accounting policies

Cash and cash equivalents

Cash and cash equivalents comprise cash on hand, the current account with Credit Union Central Alberta Limited (operating as Alberta Central), items in transit and accounts with other financial institutions. Cash and cash equivalents are recorded at amortized cost in the statement of financial position. These items are highly liquid financial assets with maturities of three months or less from the acquisition date and are used by the Credit Union in the management of short-term commitments.

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

Investments

Alberta Central term deposits and shares

Alberta Central term deposits are accounted for at amortized cost, and are adjusted to recognize other than a temporary impairment in the underlying value. Alberta Central shares are classified as fair value through profit or loss (FVTPL) and are measured at fair value with unrealized gains and losses recognized through profit or loss.

Portfolio investments

Investments and other shares are valued initially at fair value, and are adjusted to recognize other than a temporary impairment in the underlying value. Investments are purchased with the intention to hold them to maturity, or until market conditions cause alternative investments to become more attractive. Equity investments that do not have a quoted market price in an active market are estimated to be equal to cost.

Member loans receivable

Loans are initially recognized at their fair value and subsequently measured at amortized cost. Amortized cost is calculated as the loans' principal amount, less any allowance for anticipated losses, plus accrued interest. Interest revenue is recorded on the accrual basis using the effective interest method. Loan administration fees are amortized over the term of the loan using the effective interest method. The effective interest rate is the rate that exactly discounts the estimated future cash receipts through the expected life of the financial asset to the carrying amount of the financial asset.

Foreclosed properties held for resale

Foreclosed properties held for resale are carried at the lower of the amortized cost of the loan or mortgages foreclosed, adjusted for revenues received and cost incurred subsequent to foreclosure, and the estimated net proceeds from the sale of assets.

Property and equipment

Property and equipment are stated at cost less accumulated amortization and impairment losses. Cost includes expenditures that are directly attributable to the acquisition of the asset. When parts of an item of property and equipment have different useful lives, they are accounted for as separate items of property and equipment.

Amortization is provided using the following methods and rates intended to amortize the cost of the assets over their estimated useful lives:

Buildings	10 - 40 years	straight-line method
Leasehold improvements	Term of lease	straight-line method
Computer equipment	3 - 10 years	straight-line method
Furniture and equipment	3 - 10 years	straight-line method
Right of use buildings	Lease term	straight-line method

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

The useful lives of items of property and equipment are reviewed on a regular basis and the useful life is altered if estimates have changed significantly. Gains or losses on disposal of property and equipment are determined as the difference between the net disposal proceeds and the carrying amount of the asset, and are recognized in the statement of income and comprehensive income as other operating income or other operating costs, respectively.

The Credit Union revised its accounting policy on its Banff location and has implemented an accelerated amortization rate on this building. The amortization was altered from \$4,905 to \$63,680 per month on January 31, 2023. The building will be fully amortized on August 31, 2024.

Investment in precious metals

Investment in precious metals consists of gold and silver coins purchased during the year with the intention of capital appreciation. These assets were measured using the historical cost approach which is the fair market value of the assets at the time of the purchase.

Investment property

Investment property consists of land and building in Airdrie and the upstairs portion of the building in Canmore. The investment property in Airdrie is leased out under operating lease agreements to unrelated parties and the investment property in Canmore is intended to be utilized as a commercial lease property in the future.

Rental income and operating expenses from investment properties are presented within other income and occupancy expenses respectively.

An owned investment property is initially recognized at cost, including transaction costs. Cost comprises its purchase price and any directly attributable expenditures. Subsequent to initial recognition, investment property is stated at fair value which reflects market conditions at each reporting date, with any gain or loss arising from a change in fair value recognized in income in the period.

The fair value of investment properties in Airdrie is determined by a commercial realtor who is a Director of the Credit Union and who holds recognized and relevant professional qualifications and recent experience in the location and category of investment property being valued every year. The fair value of investment property in Canmore is determined by an investment real estate specialist who is an unrelated party to the Credit Union and who holds recognized and relevant professional qualifications and a number of experience in the location and category of investment property being valued every year.

Subsequent expenditures are charged to the investment property only when it is probable that future economic benefits of the expenditure will flow to the Credit Union and the cost can be measured reliably.

The Credit Union only enters as lessor into lease agreements that are classified as operating leases. A lease is classified as an operating lease if it does not transfer substantially all the risks and rewards incidental to ownership.

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

Leases

Leases are recognized as a right of use asset and a corresponding liability at the date at which the leased asset is available for use. Assets and liabilities arising from a lease are initially measured on a present value basis. Lease liabilities include the net present value of the following lease payments:

- Fixed payment, less any lease incentives receivable.
- Variable lease payments that are based on an index or rate.
- Amounts expected to be payable under residual value guarantees.
- Payments of penalties for terminating the lease, if the lease term reflects the Credit Union exercising that option.

Lease payments to be made under reasonably certain extension options are also included in the measurement of the liability.

The lease payments are discounted using the interest rate implicit in the lease. If the rate cannot be readily determined, the lessee's incremental borrowing rate is used, being the rate that the individual lessee would have to pay to borrow the funds necessary to obtain an asset of similar value to the right of use asset in a similar economic environment with similar terms, security and conditions.

The Credit Union has elected not to separate non-lease components to the right of use assets and instead account for each lease component and any associated non-lease components as a single lease component.

Payments associated with short-term leases and all leases of low-value assets are recognized on a straight-line basis as an expense in profit or loss. Short-term leases are leases with a lease term of 12 months or less.

Intangible assets

Intangible assets consist of certain acquired and internally developed banking software. Intangible assets are carried at cost, less accumulated amortization and accumulated impairment losses, if any. Input costs directly attributable to the development or implementation of the asset are capitalized if it is probable that future economic benefits associated with the expenditure will flow to the Credit Union and the cost can be measured reliably. Finite life intangible assets are tested for impairment when events or circumstances indicate that the carrying value may not be recoverable. When the recoverable amount is less than the net carrying value an impairment loss is recognized in the statement of income and comprehensive income.

Intangible assets available for use are amortized on a straight-line basis over their useful lives (which has been estimated to range from 3 years to 10 years). The method of amortization and the useful lives of the assets are reviewed annually and adjusted if appropriate.

There are no indefinite life intangible assets.

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

Impairment of financial assets

The Credit Union records an allowance for loan losses for all financial assets that are measured at amortized cost or at fair value through other comprehensive income (FVOCI), which also includes loan commitments and financial guarantee contracts. Equity investments are not subject to impairment. Impairment losses are measured based on the estimated amounts and timing of future cash flows, and collateral values.

For financial assets measured at FVOCI, the calculated expected credit loss (ECL) does not reduce the carrying amount in the statement of financial position, which remains at fair value. Instead, the allowance is recognized in other comprehensive income (OCI) as an accumulated impairment amounts with a corresponding charge to profit or loss. The accumulated loss recognized in OCI is reclassified to profit or loss when the asset is derecognized.

Measurement of Expected Credit Losses

At each reporting date, the Credit Union recognizes a loss allowance based on an impairment model that comprises three different stages:

- Stage 1: For financial instruments that have not had a significant increase in credit risk since initial recognition and are not considered credit-impaired financial assets at initial recognition, a loss allowance amounting to 12-month expected credit losses is recognized.
- Stage 2: For financial instruments that have had a significant increase in credit risk since initial recognition, but are not considered credit-impaired financial assets, a loss allowance amounting to the lifetime expected credit losses is recognized.
- Stage 3: For financial instruments considered credit impaired, a loss allowance amounting to the lifetime expected credit losses continues to be recognized.

Stage 1 and 2 are considered to be performing loans and Stage 3 consists of impaired loans. Financial instruments may, over their life, move from one impairment model to another based on the improvement or deterioration in their credit risk and the level of expected credit losses. Instruments are categorized based on the change in credit risk from origination (initial recognition) to current reporting date.

Forward-looking information

The Credit Union assesses on a forward-looking basis the expected credit loss associated with its assets carried at amortized cost and FVTPL and with the exposure arising from loan commitments and financial guarantee contracts. The Credit Union recognizes a loss allowance for such losses at each reporting date. The measurement of ECL reflects:

- An unbiased and probability-weighted amount that is determined by evaluating a range of possible outcomes;
- The time value of money; and,

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

- Reasonable and supportable information that is available without the undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions.

Expected life

For loans in Stages 2 and 3, allowances are based on the ECL over the loan's expected remaining lifetime. For most loans, the life is based on the remaining contractual term. Exceptions can apply if the loan has the following characteristics:

- Includes both a loan and an undrawn commitment component;
- The contractual liability by the lender to demand repayment and cancel the undrawn commitment; and,
- If there is no stated contractual term (i.e. credit cards, home equity lines of credit (HELOC's) and revolving lines of credit).

Significant increase in credit risk

Movement in the stages relies on judgment to assess whether a loan's credit risk has significantly increased relative to the date the loan was initially recognized. For this assessment, an increase in credit risk is considered at the instrument level.

Assessing for significant increases in credit risk is performed quarterly based on the following factors. Should any of these factors indicate a significant increase in credit risk, the loan is moved to the appropriate stage:

- Credit risk ratings: commercial and agricultural loans use an internal risk rating, while personal and residential mortgages use beacon scores, or,
- Loans that are 30 days past due are typically considered to have experienced a significant increase in credit risk (Stage 2), or,
- Loans past 90 days are typically considered to be in default (Stage 3), or,
- Other factors known by the Credit Union are also used as appropriate to determine staging if different from above. This can include, but not limited to, information gathered in the collections process.

If a member's credit risk increases significantly from initial recognition, the loan associated with that member will increase to the next stage level. If these conditions reverse and the member's credit risk recovers back to its initial rating or better, the loan will move back a stage.

Financial assets with low credit risk are considered to have a low risk of default, as the borrower is still able to fulfill their contractual obligations, including in stress scenarios. These financial assets have been assessed collectively and include Alberta Central term deposits, accounts receivable, letters of credit and letters of guarantee.

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

Default

The Credit Union has defined default as any credit instrument that meets at least one of the following criteria:

- 90 or more days past due, unless other factors rebut this presumption.
- Less than 90 days past due but the Credit Union has information indicating that the member is unlikely to pay their credit obligations in full. Examples include member bankruptcy and breach in covenants.

An instrument is considered to no longer be in default when it no longer meets any of the default criteria.

Other financial assets

For assets measured at amortized cost, an impairment loss is calculated as the difference between its carrying amount, and the present value of the estimated future cash flows discounted at the original effective interest rate. An impairment loss in respect of an available-for-sale financial asset held at cost is calculated as the difference between its carrying value and the present value of estimated future cash flows discounted at the current market rate of return for a similar asset.

All impairment losses are recognized in the statement of income and comprehensive income. An impairment loss is reversed if the reversal can be related objectively to an event occurring after the impairment loss was recognized. For financial assets measured at amortized cost, the reversal is recognized in the statement of income and comprehensive income. Reversals of impairments are not recognized for available-for-sale financial assets that are measured at cost.

Impairment of non-financial assets

At the end of each reporting period, the Credit Union reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss, if any. Where it is not possible to estimate the recoverable amount of an individual asset, the Credit Union estimates the recoverable amount of the cash-generating units (CGU) to which the asset belongs. Where a reasonable and consistent basis of allocation can be identified, corporate assets are also allocated to individual CGU's, or otherwise they are allocated to the smallest group of CGU's for which a reasonable and consistent allocation basis can be identified. Intangible assets with indefinite useful lives and intangible assets not yet available for use are tested for impairment at least annually, and whenever there is an indication that the asset may be impaired.

The recoverable amount is the higher of fair value less costs to sell and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset for which the estimates of future cash flows have not been adjusted.

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

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

Where an impairment loss subsequently reverses, the carrying amount of the asset or CGU is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognized for the asset or CGU in prior years. A reversal of an impairment loss is recognized immediately in the statement of income and comprehensive income.

Member deposits

Member deposits are initially recognized at fair value net of transaction costs directly attributable to issuance and are subsequently measured at amortized cost using the effective interest method.

Accounts payable and accrued liabilities

Accounts payable and accrued liabilities are initially recorded at fair value and are subsequently carried at amortized cost, which approximates fair value due to the short term nature of these liabilities.

Member shares

Shares are classified as liabilities or member equity in accordance with their terms. Shares redeemable at the option of the member, either on demand or on withdrawal from membership, are classified as liabilities. Shares redeemable at the discretion of the Board of Directors are classified as equity. Shares subject to regulatory restriction are accounted for using the criteria set out in IFRIC 2 *Members' Shares in Cooperative Entities and Similar Instruments*.

Revenue recognition

Revenue is recognized to the extent that it is probable that the economic benefits will flow to the Credit Union and the revenue can be reliably measured. The following specific recognition criteria must also be met before revenue is recognized.

Interest income is recognized in the statement of income and comprehensive income for all financial assets measured at amortized cost using the effective interest rate method. The effective interest rate is the rate that discounts estimated future cash flows through the expected life of the financial instrument back to the net carrying amount of the financial asset. The application of the method has the effect of recognizing revenue of the financial instrument evenly in proportion to the amount outstanding over the period to maturity or repayment.

Investment income is recognized as interest is earned on interest-bearing investments, and when dividends are declared on shares.

Commissions and fees that are considered an integral part of the effective interest rate are included in the measurement of the effective interest rate. Commissions and fees that are not an integral part of the effective interest rate, including insurance commissions and mortgage prepayment penalties are recognized as income when charged to the members.

Account service charges are recognized as income when charged to the members.

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

Income taxes

Current tax and deferred tax are recognized in profit or loss except to the extent that the tax is recognized either in other comprehensive income or directly in equity, or the tax arises from a business combination.

Current tax assets and liabilities for the current and prior periods are measured at the amount expected to be recovered from or paid to the taxation authorities. The calculation of current tax is based on the tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply to the period when the assets are realized or the liabilities are settled. The calculation of deferred tax is based on the tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting year. Deferred tax assets are recognized to the extent that it is probable that future taxable profit will be available against which the temporary differences can be utilized.

Deferred tax assets and liabilities are recognized where the carrying amount of an asset or liability differs from its tax base, except for taxable temporary differences arising on the initial recognition of goodwill and temporary differences arising on the initial recognition of an asset or liability in a transaction which is not a business combination and at the time of the transaction affects neither accounting or taxable income.

Recognition of deferred tax assets for unused tax losses, tax credits and deductible temporary differences is restricted to those instances where it is probable that future taxable profit will be available which allows the deferred tax asset to be utilized. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefit will be realized.

Foreign currency translation

Transaction amounts denominated in foreign currencies are translated into their Canadian dollar equivalents at exchange rates prevailing at the transaction dates. Carrying values of monetary assets and liabilities reflect the exchange rates at the year end date. Translation gains and losses are recognized in the statement of income and comprehensive income for the year.

Financial instruments

Financial assets and financial liabilities, including derivatives, are recognized in the statement of financial position when the Credit Union becomes a party to the contractual provisions of a financial instrument or non-financial derivative contract. The Credit Union recognizes financial instruments at the trade date. All financial instruments are initially measured at fair value. Subsequent measurement is dependent upon the financial instrument's classification. Transaction costs relating to financial instruments designated as fair value through profit or loss are expensed as incurred. Transaction costs for other financial instruments are capitalized on initial recognition.

The financial instruments classified as fair value through profit or loss are measured at fair value with unrealized gains and losses recognized in the statement of income and comprehensive income.

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

Upon initial recognition, financial assets are classified as amortized cost, FVOCI or FVTPL. The Credit Union determines the classification of its financial assets, together with any embedded derivatives, based on the business model for managing the financial assets and their contractual cash flow characteristics.

Debt instruments are classified as follows:

- Amortized cost - assets that are held for collection of contractual cash flows where those cash flows are solely payments of principal and interest are measured at amortized cost. Interest revenue is calculated using the effective interest method and gains or losses arising from impairment, foreign exchange and derecognition are recognized in profit or loss.
- FVOCI - assets that are held for collection of contractual cash flows for selling the financial assets, and for which the contractual cash flows are solely payments of principal and interest, are measured at FVOCI. Interest income calculated using the effective interest method and gains or losses arising from impairment and foreign exchange are recognized in profit or loss. All other changes in the carrying amount of the financial assets are recognized in other comprehensive income. Upon derecognition, the cumulative gain or loss previously recognized in other comprehensive income is reclassified to profit or loss. The Credit Union does not hold any financial assets measured at FVOCI.
- Mandatorily at FVTPL - assets that do not meet the criteria to be measured at amortized cost, or FVOCI, are measured at FVTPL. All interest income and changes in the financial assets' carrying value are recognized in profit or loss.
- Designated at FVTPL - on initial recognition, the Credit Union may irrevocably designate a financial asset to be measured at FVTPL in order to eliminate or significantly reduce an accounting mismatch that would otherwise arise from measuring assets or liabilities, or recognizing the the gains and losses on them, on different bases. All interest income and changes in the financial assets' carrying amount are recognized in profit or loss.

The Credit Union measures all equity investments at fair value. Changes in fair value are recorded in profit or loss. Equity investments measured at FVTPL include the Alberta Central shares.

Refer to *Note 19* for more information about financial instruments held by the Credit Union, their measurement basis, and their carrying amount.

Business model assessment

The Credit Union assesses the objective of its business model for holding a financial asset at a level of aggregation which best reflects the way the business is managed and information is provided by management. Information considered in this assessment includes stated policies and objectives and how performance of the portfolio is evaluated.

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

Contractual cash flow assessment

The cash flows of financial assets are assessed as to whether they are solely payments of principal and interest on the basis of their contractual terms. For this purpose, 'principal' is defined as the fair value of the financial asset on initial recognition. 'Interest' is defined as consideration for the time value of money, the credit risk associated with the principal amount outstanding, and other basic lending risks and costs. In performing this assessment, the Credit Union considers factors that would alter the timing and amount of cash flows such as prepayment and extension features, terms that might limit the Credit Union's claim to cash flows, and any features that modify consideration for the time value of money.

Other financial liabilities are initially measured at fair value, then subsequently carried at amortized cost. Accounts payable and accrued liabilities and member deposits and accrued interest are classified as other financial liabilities.

De-recognition of financial assets

De-recognition of a financial asset occurs when:

- The Credit Union does not have rights to receive cash flows from the asset;
- The Credit Union has transferred its rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a "pass-through" arrangement; and, either:
 - The Credit Union has transferred substantially all the risks and rewards of the asset, or,
 - The Credit Union has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

When the Credit Union has transferred its rights to receive cash flows from an asset or has entered into a pass-through arrangement, and has neither transferred or retained substantially all of the risks and rewards of the asset nor transferred control of the asset, the asset is recognized to the extent that the Credit Union's continuing involvement in the asset, in that case, the Credit Union also recognizes an associated liability. The transferred asset and the associated liability are measured on a basis that reflects the rights and obligations that the Credit Union has retained.

A financial liability is derecognized when the obligation under the liability is discharged, cancelled or expires. Where an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of the existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amount is recognized in the statement of income and comprehensive income.

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

2. Significant accounting policies (continued)

Comprehensive income (loss)

Comprehensive income (loss) includes all changes in equity of the Credit Union, except those resulting from investments by members and distributions to members. Comprehensive income is the total of net income and other comprehensive income. Other comprehensive income comprises revenues, expenses, gains and losses that, in accordance with IFRS, require recognition, but are excluded from net income. The Credit Union does not have any items giving rise to other comprehensive income, nor is there any accumulated balance of other comprehensive income. All gains and losses, including those arising from measurement of all financial instruments, have been recognized in the statement of income and comprehensive income for the year.

New IFRS standards and interpretations not applied

Certain new standards have been published that are mandatory for the Credit Union's accounting periods beginning on or after October 31, 2023, or later periods that the Credit Union has decided not to early adopt. The impact to the Credit Union of these standards is not yet assessed.

Conceptual Framework

In March 2018, the IASB issued a revised Conceptual Framework for financial reporting, which includes revised definitions of an asset and a liability as well as new guidance on measurement and derecognition, presentation, and disclosure. The conceptual framework is used to develop accounting policies when no IFRS applies to a transaction.

IAS 1 Presentation of Financial Statements and IAS 8 Accounting Policies, Changes in Accounting Estimates and Errors

In October 2018, the IASB issued amendments to *IAS 1* and *IAS 8* to clarify the definition of 'material' and to align the definition used in the Conceptual Framework and the standards themselves. In December 2022, the IASB issued amendments to *IAS 1* requiring entities to disclose their material accounting policy information, instead of significant accounting policies, for periods beginning on or after January 1, 2023.

3. Significant accounting judgments, estimates and assumptions

As the precise determination of many assets and liabilities is dependent upon future events, the preparation of financial statements for a period necessarily involves the use of estimates and approximations which have been made using careful judgment. These estimates are based on management's best knowledge of current events and actions that the Credit Union may undertake in the future. The resulting accounting estimates will, by definition, seldom equal the resulted actual results, and actual results may ultimately differ from these estimates.

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

3. Significant accounting judgments, estimates and assumptions (continued)

Allowance for impaired loans

Under the IFRS 9 model, the allowance for impaired loans is based on the expected credit loss metrics, described above. This has reduced the amount of accounting estimates required as the majority of the loan loss provisions are calculated based on the model. However, the Credit Union reviews its Stage 3 loans (the most risky) and calculates a specific loan loss provision. In particular, judgment by management is required in the estimation of the amount and timing of future cash flows when determining the impairment loss.

In estimating these cash flows, the Credit Union makes judgments about the borrower's financial situation and the net realizable value of collateral. These estimates are based on assumptions about a number of factors and actual results may differ, resulting in future changes to the allowance.

The impairment loss on member loans receivable is disclosed in more detail in *Note 6*.

Financial instruments not traded in active markets

For financial instruments not traded in active markets, fair values are determined using valuation techniques such as the discounted cash flow model that rely on assumptions that are based on observable active markets or rates. Certain assumptions take into consideration liquidity risk, credit risk and volatility.

Impairment of non-financial assets

At each reporting date, the Credit Union assesses whether there are any indicators of impairment for non-financial assets. Non-financial assets that have an indefinite useful life or are not subject to amortization, such as goodwill, are tested annually for impairment. Other non-financial assets are tested for impairment if there are indicators that their carrying amounts may not be recoverable.

Income taxes

The Credit Union periodically assesses its liabilities and contingencies related to income taxes for all years open to audit based on the latest information available. For matters where it is probable that an adjustment will be made, the Credit Union records its best estimate of the tax liability including the related interest and penalties in the current tax provision. Management believes that they have adequately provided for the probable outcome of these matters; however, the final outcome may result in a materially different outcome than the amount included in the tax liabilities.

4. Cash and cash equivalents

	<u>2023</u>	<u>2022</u>
Cash held with Alberta Central, including items in transit	\$ 3,509,018	\$ 20,106,804
Cash on hand	1,987,214	1,660,541
	<u>\$ 5,496,232</u>	<u>\$ 21,767,345</u>

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

5. Investments

	2023	2022
Amortized cost		
Term deposits held with Alberta Central	\$104,441,462	\$ 37,975,000
Other term deposit	5,000,000	-
Accrued interest	630,551	114,092
	110,072,013	38,089,092
 FVTPL		
Alberta Central common shares	5,100,000	4,500,000
	115,172,013	42,589,092
 Investment loss allowance	(4,800)	(4,800)
	\$115,167,213	\$ 42,584,292

As required by the Credit Union Act, the Credit Union holds investments in Alberta Central to maintain its liquidity level.

Term deposits held with Alberta Central earn interest at rates ranging from 3.40% to 5.67% per annum. The term deposits mature between November 2023 and November 2024.

The other investment includes a term deposit held with an other financial institution. The other investment earns interest at a rate of 5.22% per annum. The other investment matures in May 2024.

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

6. Member loans receivable

	Stage 1	Stage 2	Stage 3	2023 Total
Residential	\$313,215,920	\$ 1,841,229	\$ 1,659,579	\$316,716,728
Commercial	107,053,296	-	27,591	107,080,887
Consumer	10,385,567	823,767	33,708	11,243,042
Agricultural	351,849	-	-	351,849
Accrued interest	-	-	-	1,109,575
Gross carrying amount	<u>431,006,632</u>	<u>2,664,996</u>	<u>1,720,878</u>	436,502,081
Loss allowance	(338,871)	(46,269)	(49,435)	(434,575)
Carrying amount	<u>\$430,667,761</u>	<u>\$ 2,618,727</u>	<u>\$ 1,671,443</u>	\$436,067,506

	Stage 1	Stage 2	Stage 3	2022 Total
Residential	\$313,568,537	\$ 1,617,011	\$ 2,566,996	\$317,752,544
Commercial	98,254,038	30,171	1,589,595	99,873,804
Consumer	11,898,886	807,158	11,001	12,717,045
Agricultural	369,791	-	-	369,791
Accrued interest	-	-	-	917,494
Gross carrying amount	<u>424,091,252</u>	<u>2,454,340</u>	<u>4,167,592</u>	431,630,678
Loss allowance	(251,744)	(39,628)	(141,994)	(433,366)
Carrying amount	<u>\$423,839,508</u>	<u>\$ 2,414,712</u>	<u>\$ 4,025,598</u>	\$431,197,312

The loss allowance recognized in the year is impacted by a variety of factors, such as:

- Transfers between Stage 1 and Stages 2 or 3 due to financial instruments experiencing significant increases (or decreases) of credit risk or becoming credit-impaired in the period, and the consequent "step up" (or "step down") between 12-month and Lifetime ECL;
- Additional allowances for new financial instruments recognized during the period, as well as releases for financial instruments derecognized in the period;

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

6. Member loans receivable (continued)

- Impact on the measurement of ECL due to changes in probability of default (PD), exposure at default (EAD) and loss given default (LGD) in the period, arising from regular refreshing of inputs to models;
- Impacts on the measurement of ECL due to changes made to models and assumptions;
- Discount unwind within ECL due to the passage of time, as ECL is measured on a present value basis; and,
- Financial assets derecognized during the period and write-offs of allowances related to assets that were written off during the period.

	Stage 1	Stage 2	Stage 3	2023 <i>Total</i>
Loss allowance				
As at November 1, 2022	\$ 251,744	\$ 39,628	\$ 141,994	\$ 433,366
Recoveries	\$ -	\$ -	\$ (37,475)	\$ (37,475)
Net remeasurement	\$ 87,127	\$ 6,641	\$ (42,826)	\$ 50,942
Write offs	\$ -	\$ -	\$ (12,258)	\$ (12,258)
As at October 31, 2023	\$ 338,871	46,269	49,435	434,575

Off balance sheet **\$ 45,850**

	Stage 1	Stage 2	Stage 3	2022 <i>Total</i>
Loss allowance				
As at November 1, 2021	\$ 379,260	55,730	826,468	1,261,458
Recoveries	-	-	43,560	43,560
Net remeasurement	(127,516)	(16,102)	457,953	314,335
Write offs	-	-	(1,185,987)	(1,185,987)
As at October 31, 2022	\$ 251,744	39,628	141,994	433,366

Off balance sheet **\$ 39,184**

7. Other assets

	2023	2022
Prepaid expenses	\$ 733,760	\$ 238,962
Precious metals	402,490	-
Accounts receivable	125,830	191,563
	\$ 1,262,080	\$ 430,525

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

8. Investment property

Investment property consists of land and a building in Airdrie and the upstairs portion of the building in Canmore, held to earn rental income.

Changes to the carrying amount of investment property from the beginning to the end of the financial year are as follows:

At fair value	2023	2022
Carrying amount, November 1	\$ 1,200,000	\$ -
Transfer from property and equipment	189,429	715,923
Fair value adjustment	1,125,238	484,077
Carrying amount, October 31	\$ 2,514,667	\$ 1,200,000

The carrying value of the investment property in Airdrie as at October 31, 2023 agrees to the valuation reported by a Director and the carrying value of the investment property in Canmore as at October 31, 2023 agrees to the valuation reported by a commercial realtor.

The Credit Union utilizes capitalization rates within the ranges provided by market experts. To the extent that the externally provided capitalization rate ranges change from one reporting period to the next, or should another rate within the provided ranges be considered by the Credit Union to be more appropriate than the rate previously used, the fair value of the investment property would increase or decrease accordingly. This assessment is based on the realtor's professional expertise and knowledge of the real estate market in the area.

The valuation of the investment property considers all of the information generated by the above noted methods and assumptions.

As noted above, the investment property is valued using the capitalized net operating income method. The valuation process is classified as Level 3 on the fair value hierarchy.

The most significant inputs or variables to the valuation process, all of which are unobservable, are normalized income and the capitalization rate. An increase in normalized income or a decrease in the capitalization rate will result in an increase in the estimated fair value of the investment property. The fair value estimate is sensitive to each of the inputs; however, changes in the capitalization rate have the greatest impact on the fair value estimate.

The key valuation assumption for the investment property as at October 31, 2023 is a capitalization rate of 6%.

Additional valuation assumptions include the rental revenue per square meter, grade quality of the property and comparable market data.

During the fiscal year ended October 31, 2023, \$75,000 of rental income from the investment property was recognized in other income. \$31,443 of direct operating expense relating to the investment property was recognized in occupancy expenses.

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

9. Property and equipment

<u>Cost</u>	2022 Balance	Additions	Transfers	2023 Balance
Land	\$ 1,124,499	\$ -	\$ -	\$ 1,124,499
Buildings	7,795,917	-	446,307	7,349,611
Leasehold improvements	1,319,369	-	-	1,319,369
Computer equipment	1,249,437	67,462	-	1,316,899
Furniture and equipment	1,734,874	4,998	-	1,739,872
	13,224,096	72,460	446,307	12,850,250
Right of use buildings	3,617,863	-	-	3,617,863
	\$ 16,841,959	\$ 72,460	\$ 446,307	\$ 16,468,113

<u>Accumulated Amortization</u>	2022 Balance	Amortization	Accumulated Amortization on Transfers	2023 Balance
Buildings	\$ 3,677,649	\$ 766,379	\$ 256,878	\$ 4,187,151
Leasehold improvements	427,268	63,664	-	490,932
Computer equipment	1,017,703	81,025	-	1,098,727
Furniture and equipment	1,555,535	50,502	-	1,606,037
	6,678,155	961,570	256,878	7,382,847
Right of use buildings	689,378	273,839	-	963,217
	\$ 7,367,533	\$ 1,235,409	\$ 256,878	\$ 8,346,064

<u>Net book value</u>	2023	2022
Land	\$ 1,124,499	\$ 1,124,499
Buildings	3,162,460	4,118,268
Leasehold improvements	828,437	892,101
Computer equipment	218,172	231,734
Furniture and equipment	133,835	179,339
	5,467,403	6,545,941
Right of use buildings	2,654,646	2,928,485
	\$ 8,122,049	\$ 9,474,426

Building with a net book value of \$189,429 were transferred from categorization as Property and Equipment to Investment Property, as disclosed in *Note 8*.

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

10. Intangible assets

<u>Cost</u>	2022 Balance	Additions	Disposals	2023 Balance
Specified software	\$ 1,356,327	\$ -	\$ -	\$ 1,356,327
			Accumulated Amortization on Disposals	2023 Balance
<u>Accumulated Amortization</u>	2022 Balance	Amortization		
Specified software	\$ 1,105,480	\$ 40,194	\$ -	\$ 1,145,674
			2023	2022
<u>Net book value</u>				
Specified software			\$ 210,653	\$ 250,847

11. Derivative financial assets and liabilities

The Credit Union has entered into an interest swap transaction agreement with Alberta Central to enhance its capital to risk-weighted assets (RWA) ratio, reduce its exposure to interest rate risk, and hedge against the increasing interest rates and to earn income. The trade was effective on March 15, 2023 and terminates on March 15, 2026. The interest swap is based on a notional amount of \$15,000,000 wherein the Credit Union pays a fixed rate of 3.448% and the Credit Union Central Alberta Limited pays a floating rate. The derivative is marked to market each year end, and amounted to \$405,253 (2022 - \$nil) as shown on the statement of financial position. The first swap occurred on September 15, 2023 and the Credit Union has received a payment from Alberta Central. This interest payment and the accrued interest on the derivative are classified as service and other charges and the fair value adjustment due to marked to market is recognized as an unrealized gain on the statement of income and comprehensive income at year end.

12. Member deposits

The repayment of all deposits, including accrued interest, is guaranteed by Credit Union Deposit Guarantee Corporation (CUDGC), for which the Credit Union pays a deposit guarantee assessment fee.

	2023	2022
Demand deposits	\$243,537,099	\$242,302,869
Term deposits	189,462,350	135,102,561
Registered deposits	88,014,779	67,720,436
	521,014,228	445,125,866
Accrued interest	5,794,343	1,684,233
	\$526,808,571	\$446,810,099

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

13. Contingent liabilities and commitments

Financing

To finance short-term cash needs, the Credit Union has demand revolving operating lines of credit in Canadian dollars and U.S. dollars with Alberta Central. The Canadian operating line of credit has a ceiling of \$12,000,000 CAD (2022 - \$12,000,000 CAD). The demand revolving operating line of credit is payable on demand and bears interest at Alberta Central's Canadian prime rate less 0.5% (2022 - Alberta Central's Canadian prime rate less 0.5%) for CAD advances.

The U.S. operating line of credit has a ceiling of \$1,000,000 USD (2022 - \$1,000,000 USD). The demand revolving operating line of credit is payable on demand and bears interest at Alberta Central's U.S. prime rate plus 0.5% (2022 - Alberta Central's U.S. prime rate plus 0.5%) for USD advances.

The operating lines of credit avoid the need to maintain on hand large sums of cash for short-term purposes. The operating lines of credit are used generally on a day-to-day basis. There is no balance outstanding as at October 31, 2023 on the Canadian operating line of credit (2022 - \$nil). There is a balance of \$298,767 USD (2022 - \$nil) as at October 31, 2023 on the U.S. operating line of credit.

To finance long-term cash needs, the Credit Union has available a revolving term loan with Alberta Central. The revolving term loan has an aggregate ceiling of \$33,000,000 CAD (2022 - \$33,000,000 CAD), with terms of 1 to 24 months for each advance, and bears interest at Alberta Central's prime rate less 1.0% for prime rate based loans (2022 - Alberta Central's prime rate minus 1.0%).

The revolving term loan avoids the need to maintain on hand large sums of cash for liquidity purposes. There is a balance of \$nil outstanding as at October 31, 2023 (2022 - \$22,500,000).

The debt with Alberta Central is secured by the following:

- Registered Security Agreement covering accounts and instruments;
- Pledge of all investments, deposits and share accounts held with Alberta Central; and,
- General Security Agreement.

Credit commitments

In the normal course of business, the Credit Union enters into various commitments to meet the credit requirements of its members. These include credit commitments, letters of credit, letters of guarantee and loan guarantees, which are not included on the statement of financial position.

Guarantees and standby letters of credit represent an irrevocable obligation to make payments to a third party in the event that the member is unable to meet its contractual financial or performance obligations. In the event of a call on such commitments, the Credit Union has recourse against the members.

Commitments to extend credit represent undertakings to make credit available in the form of loans or other financing for specific amounts and maturities, subject to certain conditions and include recently authorized credit not yet drawn down and credit facilities available on a revolving basis.

These credit arrangements are subject to the Credit Union's normal credit standards and collateral may be obtained where appropriate. The contract amounts set out below represent the maximum credit risk exposure to the Credit Union should the contracts be fully drawn, and any collateral held proves to be of no value. As many of these arrangements will expire or terminate without being drawn upon, the contract amounts do not necessarily represent the future cash requirements.

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

13. Contingent liabilities and commitments (continued)

As at October 31, 2023 the Credit Union had the following amounts outstanding:

	<u>2023</u>	<u>2022</u>
Guarantees and standby letters of credit	\$ 1,758,325	\$ 444,800
Commitments to extend credit:		
Original term to maturity of one year or less	53,605,276	52,352,385
Original term to maturity of more than one year	14,468,397	14,490,436

Contingent liabilities

During the normal course of business, the Credit Union enters into legal proceedings primarily relating to the recovery of delinquent loans. As a result, counterclaims or proceedings have been or may be instituted against the Credit Union.

14. Leases

The following table sets out maturity analysis of the lease liabilities:

	<u>2023</u>	<u>2022</u>
Not later than 1 year	\$ 308,465	\$ 308,465
1 to 3 years	942,020	934,040
Over 3 years	2,062,125	2,378,570
Total undiscounted lease liabilities	<u>\$ 3,312,610</u>	<u>\$ 3,621,075</u>

The lease liabilities were discounted at an incremental borrowing rate of 2.4%.

The following amounts have been recognized in the statement of income and comprehensive income:

Interest expense on lease liabilities	\$ 73,181	\$ 142,665
Amortization on right of use buildings	273,839	266,607

The following amounts have been recognized in the statement of cash flows:

Total cash out-flow for leases	\$ 308,465	\$ 308,465
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Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

15. Income taxes

The total provision for income taxes in the statement of income and comprehensive income is at a rate differing from the combined federal and provincial statutory income tax rates for the following reasons:

	2022	2021
Combined federal and provincial statutory income tax rates	46.00%	46.00%
General tax reduction	-23.00%	-23.00%
Income taxes as reported	23.00%	23.00%

The tax effects of temporary differences which give rise to the deferred income tax liability reported on the statement of financial position, are due to differences between the amounts deducted for accounting and income tax purposes with regards to property and equipment, intangible assets, and the loss allowance.

Net deferred income tax assets (liabilities) are comprised of the following:

	2023	2022
Property, equipment and intangible assets	\$ (417,409)	\$ (320,140)
Loss allowance	(9,891)	(9,860)
	\$ (427,300)	\$ (330,000)

16. Member shares

Authorized:

- a) An unlimited number may be issued;
- b) A par value of \$1, but fractional shares may be issued;
- c) Transferable only in restricted circumstances;
- d) Non-assessable; and,
- e) Redemption of common shares is at par value and is at the discretion of the Credit Union, subject to the restrictions contained in the Credit Union Act and Regulations.

A membership in the Credit Union requires the purchase of a minimum of 25 shares. However, minors and members 65 years of age or older are only required to purchase a minimum of 5 shares.

The Series A, B, C, D, E, F, G, H, I and J investment shares have the following characteristics:

- a) No par value, and not issuable as fractional shares except in the form of a dividend;
- b) No voting rights;
- c) Callable at the discretion of the Credit Union upon 5 years written notice;

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

16. Member shares (continued)

- d) Transferable only in limited circumstances;
- e) Dividends are non-cumulative and rank ahead of profit share allocation on common shares. They are also subject to the Credit Union's dividend policy which can be changed at the discretion of the Board of Directors;
- f) Minimum purchase amount is 500 shares and the maximum amount is 50,000 shares per member; and,
- g) Redeemable at \$1.00 at the discretion of the Credit Union, subject to the restrictions contained in the Credit Union Act and Regulations.

Common shares and investment shares are "at risk" capital and are not guaranteed by CUDGC.

	Issued and Outstanding as at November 1, 2022	Shares Issued for Cash	Shares Issued for Share Dividends	Shares Redeemed	Issued and Outstanding as at October 31, 2023
Common shares	3,129,573	383,198	147,837	(278,246)	3,382,362
Investment shares					
Series A	372,638	-	15,986	(19,711)	368,913
Series B	616,556	-	26,450	(56,650)	586,356
Series C	666,785	-	28,605	(78,576)	616,814
Series D	814,476	-	34,949	(108,750)	740,676
Series E	577,408	-	21,884	(17,189)	582,102
Series F	739,692	-	24,348	(61,265)	702,775
Series G	2,049,283	-	77,669	(109,035)	2,017,917
Series H	1,939,503	-	73,507	(57,301)	1,955,710
Series I	1,100,550		8,209	(10,029)	1,098,730
Series J	-	3,000,000			3,000,000
	8,876,892	3,000,000	311,607	(518,506)	11,669,993
	12,006,465	3,383,198	459,444	(796,752)	15,052,355

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
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16. Member shares (continued)

	Issued and Outstanding as at November 1, 2021	Shares Issued for Cash	Shares Issued for Share Dividends	Shares Redeemed	Issued and Outstanding as at October 31, 2022
Common shares	3,160,466	30,284	164,868	(226,045)	3,129,573
Investment shares					
Series A	373,642	-	9,453	(10,457)	372,638
Series B	682,651	-	17,271	(83,366)	616,556
Series C	680,810	-	17,224	(31,249)	666,785
Series D	847,968	-	21,455	(54,947)	814,476
Series E	679,002	-	13,784	(115,378)	577,408
Series F	751,073	-	11,491	(22,872)	739,692
Series G	2,015,117	-	65,491	(31,325)	2,049,283
Series H	1,927,100	-	12,652	(249)	1,939,503
Series I	-	1,100,550	-	-	1,100,550
	7,957,363	1,100,550	168,821	(349,842)	8,876,892
	11,117,829	1,130,834	333,689	(575,887)	12,006,465

17. Allocation distributable

During the year, the Board of Directors declared a profit share allocation for the current year as follows:

	<u>2023</u>	<u>2022</u>
Profit share		
Profit share paid by issuance of shares	\$ 192,360	\$ 147,837
Profit share paid by deposits to member accounts	20,066	43,669
	\$ 212,426	\$ 191,506

The profit share is equal to 6.5% of the balances as of the year-end 2023 (2022 - 6% of interest paid to members on term deposits and 2% of interest received on residential mortgages during the year).

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

17. Allocation distributable (continued)

In addition, the Board of Directors declared dividends for the current year as follows:

Dividends

Effective annual rate of 6.34% (2022 - 4.29%) Series A investment shares	\$ 23,395	\$ 15,986
Effective annual rate of 6.34% (2022 - 4.29%) Series B investment shares	37,185	26,450
Effective annual rate of 6.34% (2022 - 4.29%) Series C investment shares	39,116	28,605
Effective annual rate of 6.34% (2022 - 4.29%) Series D investment shares	46,983	34,949
Effective annual rate of 5.84% (2022 - 3.79%) Series E investment shares	34,004	21,884
Effective annual rate of 5.34% (2022 - 3.29%) Series F investment shares	37,559	24,348
Effective annual rate of 5.84% (2022 - 3.79%) Series G investment shares	117,851	77,669
Effective annual rate of 5.84% (2022 - 3.79%) Series H investment shares	114,246	73,507
Effective annual rate of 5.84% (2022 - 4.25%) Series I investment shares	64,184	8,209
Effective annual rate of 5.50% Series J investment shares	21,096	-
	\$ 535,619	\$ 311,607

The dividends are to be paid by issuance of Series A, B, C D, E, F, G, H, I and J investment shares in December 2023.

18. Capital management

The Credit Union's objectives when managing capital are:

- To ensure the long-term viability of the Credit Union and the security of member deposits by holding a level of capital deemed sufficient to protect against unanticipated losses; and,
- To comply at all times with the capital requirements set out in the Credit Union Act of Alberta (the Act). The Credit Union complied with these capital requirements throughout the year ending October 31, 2023.

The Credit Union is required under the Act to hold total capital equal to or exceeding the greater of:

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

18. Capital management (continued)

- 4% of total assets. As at October 31, 2023, this amounted to \$22,773,009;
- 8% of risk weighted assets. Under this method, the Credit Union reviews each loan and other assets and assigns a risk weighting using definitions and formulas set out in the Act. The more risk associated with an asset, then the higher the assigned weighting. The balance of each asset is multiplied by the risk weighting with the result then added together. This method allows the Credit Union to measure capital relative to the possibility of loss with more capital required to support assets that are seen as being higher risk. As at October 31, 2023, this amounted to \$21,340,303.

Additionally, the Credit Union is required to have a regulatory capital buffer of 2.5% of risk weighted assets for the year ended October 31, 2023. Further to this requirement, the Credit Union is expected to hold a self-identified internal buffer equal to 2% of risk weighted assets. For the year ended October 31, 2023, the resulting requirement is 14.36% of risk weighted assets.

The Credit Union management ensures compliance with capital adequacy through the following:

- Establishing policies for capital management, monitoring and reporting;
- Establishing policies for related areas such as asset liability management;
- Reporting to the Board of Directors and the Audit Committee regarding financial results and capital adequacy;
- Reporting to CUDGC on its capital adequacy; and,
- Establishing budgets and reporting variances to those budgets.

Under the Act, total capital as at October 31, 2023 includes:

	2023	2022
Retained earnings	\$ 22,172,396	\$ 20,788,882
Member shares	15,052,355	12,006,465
Loss allowance	434,575	433,366
Deferred taxes	427,300	330,000
Intangible assets	(210,653)	(250,847)
	\$ 37,875,973	\$ 33,307,866

Therefore, the Credit Union has exceeded its minimum capital requirements at October 31, 2023.

19. Financial instruments risk management

The Credit Union, as part of its operations, carries a number of financial instruments which result in exposure to the following risks: credit risk, market risk, foreign currency risk and liquidity risk.

The Credit Union, as part of operations, has established avoidance of undue concentrations of risk and requirements for collateral to mitigate credit risk as risk management objectives. In seeking to meet these objectives, the Credit Union follows a risk management policy approved by its Board of Directors.

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

19. Financial instruments risk management (continued)

The Credit Union's risk management policies and procedures include the following:

- a) Ensuring all activities are consistent with the mission, vision and values of the Credit Union;
- b) Balancing risk and return by:
 - Managing credit, market and liquidity risk through preventative and detective controls;
 - Ensuring credit quality is maintained;
 - Ensuring credit, market, and liquidity risk is maintained at acceptable levels;
 - Diversifying risk in transactions, member relationships and loan portfolios;
 - Pricing according to risk taken; and,
 - Using consistent credit risk exposure tools.

Various Board of Directors committees are involved in financial instrument risk management oversight, including the Audit Committee. The risk policies, procedures and objectives have not changed materially from the prior year.

Credit risk

Credit risk is the risk of a financial loss in the event of failure by a borrower to completely honour its financial obligation to the Credit Union, such as interest and/or principal payments due on member loans. Credit risk arises principally as a result of the Credit Union's lending activities with members.

Management and the Board of Directors review and update the credit risk policy annually. The Credit Union's maximum credit risk exposure before taking into account any collateral held is the carrying amount of loans as disclosed on the statement of financial position. See Note 6 for further information.

Concentration of credit risk exists if a number of borrowers are engaged in similar economic activities or are located in the same geographical region, and indicate the relative sensitivity of the Credit Union's performance to developments affecting a particular segment of borrowers or geographical region. Geographical risk exists for the Credit Union due to its primary service areas being Banff, Calgary, Canmore, Cochrane, Airdrie and surrounding areas.

Credit risk management

The Credit Union uses a risk management process for its credit portfolio. The risk management process starts at the time of a member credit application and continues until the loan is fully repaid. Management of credit risk is established in policies and procedures by the Board of Directors.

The primary credit risk management policies and procedures include the following:

- a) Loan security (collateral) requirements;
- b) Security valuation processes, including methods used to determine the value of real property and personal property when that property is subject to a mortgage or other charge;
- c) Maximum loan to value ratios where a mortgage or other charge on real or personal property is taken as security;
- d) Borrowing member capacity (repayment ability) requirements;
- e) Borrowing member character requirements;
- f) Limits on aggregate credit exposure per individual and/or related parties;

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

19. Financial instruments risk management (continued)

- g) Limits on concentration to credit risk by loan type, industry and economic sector;
- h) Limits on types of credit facilities and services offered;
- i) Internal loan approval processes;
- j) Loan documentation standards;
- k) Loan re-negotiation, extension and renewal processes;
- l) Processes that identify adverse situations and trends, including risks associated with economic, geographic and industry sectors;
- m) Control and monitoring processes including portfolio risk identification and delinquency tolerances;
- n) Timely loan analysis processes to identify, assess and manage delinquent and impaired loans;
- o) Collection processes that include action plans for deteriorating loans;
- p) Overdraft control and administration processes; and,
- q) Loan syndication processes.

The measurement of ECL under IFRS 9 uses the information and approaches that the Credit Union uses to manage credit risk, through certain adjustments are made in order to comply with the requirements of IFRS 9. The approach taken for IFRS 9 measurement purposes is discussed below.

Expected credit loss measurement

A pervasive concept in measuring ECL in accordance with IFRS 9 is that it should consider forward looking information.

IFRS 9 outlines a 'three-stage' model for impairment based on changes in credit quality since initial recognition as summarized below:

- Stage 1 - on initial recognition, 12-month expected credit losses are recognized in profit or loss and a loss allowance is established;
- Stage 2 - if credit risk increases significantly and the resulting credit risk is not considered to be low, full lifetime expected credit losses are recognized; and,
- Stage 3 - when a financial asset is considered credit-impaired, interest revenue is calculated based on the carrying amount of the asset, net of the loss allowance, rather than its gross carrying amount.

Financial instruments in Stage 1 have their ECL measured at an amount equal to the ECLs that result from default events possible within the next 12 months. Instruments in Stages 2 or 3 have their ECLs measured based on ECLs on a lifetime basis.

The key judgments and assumptions adopted by the Credit Union in addressing the requirements of the standard are discussed below.

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Notes to Financial Statements
Year Ended October 31, 2023

19. Financial instruments risk management (continued)

Significant increase in credit risk

The assessment of significant increase in credit risk (SICR) incorporates forward-looking information and is performed on a quarterly basis at a portfolio level for all instruments held by the Credit Union. A watch list is used to monitor credit risk; this assessment is performed at the counterparty level and on a periodic basis. The criteria used to identify SICR are monitored and reviewed periodically for appropriateness by management.

The Credit Union considers a financial instrument to have experienced a SICR when one or more of the following quantitative or qualitative criteria have been met:

- Contractual cash flow obligations are more than 30 days past due;
- Adverse changes in the borrowers situation indicates its inability to fulfill contractual obligations (ie. significant deterioration in credit score or risk ratings, adverse financial or economic conditions, early signs of cash flow/liquidity problems);
- A significant change in collateral value which is expected to increase the risk of default; and,
- Forward looking information indicate that the ability of the borrower to fulfill its contractual cash flow obligations will be reduced.

The Credit Union has not used the low credit risk exemption for any financial instruments in the year ended October 31, 2023.

Measuring ECL - explanation of inputs, assumptions and estimation techniques

The ECL is measured on either a 12-month or lifetime basis depending on whether a SICR has occurred since initial recognition or whether an asset is considered to be credit-impaired. ECLs are the discounted product of the PD, EAD and LGD, defined as follows:

- The PD represents the likelihood of a borrower defaulting on its financial obligation, either over the next 12 months or over the remaining lifetime of the obligation.
- EAD is based on the amounts the Credit Union expects to be owed at the time of default, over the next 12 months or over the remaining lifetime. For example, for a revolving commitment, the Credit Union includes the current drawn balance plus any further amount that is expected to be drawn up to the current contractual limit by the time of default, should it occur.
- LGD represents the Credit Union's expectation of the extent of loss on a defaulted exposure. LGD varies by type of counterparty, type and seniority of claim and availability of collateral or other credit support. LGD is expressed as a percentage loss per unit of EAD. LGD is calculated on a 12-month or lifetime basis, where 12-month LGD is the percentage of loss expected to be incurred if the default occurs in the next 12 months and lifetime LGD is the percentage of loss expected to be incurred if the default occurs the remaining expected lifetime of the loan.

The ECL is determined by projecting the PD, LGD and EAD for each future month and for each individual exposure or collective segment. These three components are multiplied together and adjusted for the likelihood of survival (ie. the exposure has not prepaid or defaulted in an earlier month). This effectively calculates an ECL for each future month, which is the discounted back to the reporting date. The discount rate used in the ECL calculation is the original effective interest rate or an approximation thereof.

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Notes to Financial Statements
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19. Financial instruments risk management (continued)

The lifetime PD is developed by applying a maturity to the current 12-month PD. The maturity profile looks at how defaults develop into a portfolio from the point of initial recognition throughout the lifetime of the loans. The maturity profile is based on historical observed data and is assumed to be the same across all assets within a portfolio and credit grade band. This is supported by historical analysis.

The 12-month and lifetime EADs are determined based on the expected payment profile, which varies by product type:

- For amortizing products and bullet repayment loans, this is based on the contractual repayments owed by the borrower over a 12-month or lifetime basis.
- For revolving products, the EAD is predicted by taking current drawn balance and adding a credit conversion factor, which allows for the expected drawdown of the remaining limit by the time of default. These assumptions vary by product type and current limit utilization band, based on the analysis of the Credit Union's recent default data.

The 12-month and lifetime LGDs are determined based on the factors, which impact the recoveries made post default. These vary by product type:

- For secured products, this is primarily based on collateral type and projected collateral values, historical discounts to market/book values due to forced sales, time to repossession and expected recovery costs.
- For unsecured products, LGDs are typically set at product level due to the limited differentiation in recoveries achieved across different borrowers. These LGDs are influenced by collection strategies.

Forward-looking economic information is also included in determining the 12-month and lifetime PD, EAD and LGD. These assumptions vary by product type.

The assumptions underlying the ECL calculation, such as how the maturity profile of the PDs and how collateral values change, etc., are monitored and reviewed on a quarterly basis.

There have been no significant changes in estimation techniques or significant assumptions made during the reporting period.

Forward-looking information incorporated in the ECL models

The assessment of SICR and the calculation of ECL both incorporate forward-looking information. The Credit Union has performed historical analysis, identified the key economic variables impacting credit risk, and ECLs for each portfolio.

These economic variables and their associated impact on the PD, EAD and LGD vary by financial instrument. Expert judgment has also been applied in this process. Forecasts of these economic variables (the "base case scenario") are based on the consideration of a variety of external, actual and forecast information that allows the Credit Union to formulate a base case view of the future direction of relevant economic variables as well as representative range of other possible forecast scenarios. This process involves developing two more additional economic scenarios and considering the relative probabilities of each outcome. External information includes economic data and forecasts published by government bodies and the Bank of Canada, forecasts by Canadian banks and financial institutions and other selected private-sector and academic forecasters.

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
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19. Financial instruments risk management (continued)

The base case represents a most-likely outcome and is aligned with information used by the Credit Union for other purposes such as budgeting and strategic planning. The other scenarios represent more optimistic and more pessimistic outcomes. At October 31, 2023, the Credit Union concluded that three scenarios appropriately captured non-linearities. The scenario weightings are determined by a combination of statistical analysis and expert credit judgment, taking account of the range of possible outcomes each chosen scenario is representative of. The assessment of SICR is performed using the lifetime PD under each of the scenarios, multiplied by the associated scenario weighting, along with qualitative and backstop indicators. This determines whether the whole financial instrument is in Stage 1, Stage 2 or Stage 3 and hence whether 12-month or lifetime ECL should be recorded. Following this assessment, the Credit Union measures ECL as either a probability weighted 12-month ECL (Stage 1) or a probability weighted lifetime ECL (Stages 2 and 3). These probability-weighted ECLs are determined by running each scenario through the relevant ECL model and multiplying it by the appropriate scenario weighting, as opposed to weighting the inputs.

As with an economic forecast, the projections and likelihoods of occurrence are subject to a high degree of inherent uncertainty and therefore the actual outcomes may be significantly different to those projected. The Credit Union considers these forecasts to represent its best estimate of the possible outcomes and has analyzed the non-linearities and asymmetries within the Credit Union's different portfolios to establish that the chosen scenarios are appropriately representative of the range of possible scenarios.

Sensitivity analysis

The most significant assumptions affecting the ECL allowance are as follows:

Consumer and residential mortgages

- House price index as it has significant impact on the mortgage collateral valuation; and,
- Unemployment rate as it impacts on the borrowers ability to meet their contractual repayments.

Commercial

- Vacancy increases as it has significant impact on performance and collateral valuations; and,
- Capitalization rates as it has an impact on the companies' likelihood of default.

Collateral and other credit enhancements

The Credit Union employs a range of policies to mitigate credit risk. The most common of these is accepting collateral for funds advanced. The Credit Union has internal policies on the acceptability of specific classes of collateral or credit risk mitigation.

The Credit Union prepares a valuation of the collateral obtained as part of the loan origination process. This assessment is reviewed periodically. The principal collateral types for loans and advances are:

- Mortgages over residential properties;
- Charges against chattels;
- Charges over business assets such as premises, inventory and accounts receivable; and,
- Charges over financial instruments such as debt securities.

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
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19. Financial instruments risk management (continued)

Longer term finance and lending to corporate entities are generally secured; revolving individual credit facilities are either secured or unsecured.

The Credit Union's policies regarding obtaining collateral have not significantly changed during the reporting period and there has been no significant change in the overall quality of the collateral held by the Credit Union since the prior period.

Market risk

Market risk is the risk of a loss in value of financial instruments that may arise from changes in market factors such as interest rates, equity prices and credit spreads. The Credit Union's exposure changes depending on market conditions. Market risks that have a significant impact on the Credit Union include fair value risk and interest rate risk.

Fair value risk

Fair value risk is the potential for loss from an adverse movement in the value of a financial instrument. The Credit Union incurs fair value risk on its loans and deposits held. The Credit Union does not hedge its fair value risk.

The amounts are designed to approximate the fair values of the Credit Union's financial instruments using the valuation methods and assumptions described below. Since many of the Credit Union's financial instruments lack an available trading market, the fair values represent estimates of the current market value of instruments, taking into account changes in market rates that have occurred since their origination. Due to the estimation process and the need to use judgment, the aggregate fair value amounts should not be interpreted as being necessarily realizable in an immediate settlement of the instruments.

Fair values have been determined for investment property but not for property and equipment or any other asset or liability that is not a financial instrument. The fair value of cash, variable rate loans and deposits, and accounts payable and accrued liabilities are assumed to equal their book values due to their short term nature. The fair values of fixed rate loans and deposits are determined by discounting the expected future cash flows at the estimated current market rates for loans and deposits with similar characteristics. The fair value of the investment property is valued using the capitalized net operating income method.

The following methods and assumptions were used to estimate the fair value of financial instruments:

- a) The fair values of cash and cash equivalents, short-term investments, other assets with the exception of investment property and other liabilities are assumed to approximate book values, due to their short-term nature.
- b) The estimated fair value of floating rate investments, member loans and member deposits are assumed to equal book value as the interest rates automatically reprice to market.
- c) The estimated fair value of fixed rate member loans and fixed rate member deposits is determined by discounting the expected future cash flows of these loans and deposits at current market rates for products with similar terms and credit risks.

Estimated fair values of financial instruments are summarized as follows:

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19. Financial instruments risk management (continued)

			2023	2022
	Book Value	Fair Value	Fair Value Difference	Fair Value Difference
Assets				
Cash	\$ 5,496,232	\$ 5,496,232	-	-
Investments	115,167,213	114,846,407	(320,806)	-
Member loans	436,067,506	416,284,697	(19,782,809)	(27,014,879)
Other assets	12,594,286	12,594,286	-	-
Less:				
Liabilities				
Member deposits	526,808,571	520,164,855	6,643,716	12,050,416
Other liabilities	4,563,936	4,563,936	-	-
	\$ 37,952,730	24,492,831	(13,459,899)	(14,964,463)

Fair value measurements

The Credit Union classifies fair value measurements recognized on the balance sheet using a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair values as follows:

- Level 1: Quoted prices (unadjusted) are available in active markets for identical asset or liabilities.
- Level 2: Inputs other than quoted prices in active markets that are observable for the asset or liability, either directly or indirectly.
- Level 3: Unobservable inputs in which there is little or no market data, which require the Credit Union to develop its own assumptions.

The carrying value of cash and cash equivalents approximate their fair value as they are short term in nature or are receivable on demand. Member loans and member deposits have been classified as Level 2 as fair values are primarily due to change in interest rates. There have been no transfers between Level 1 and 2 during the year.

Fair value measurements are classified in the fair value hierarchy base on the lowest level input that is significant to that fair value measurement. This assessment requires judgment, considering factors specific to an asset or a liability and may affect placement within the fair value hierarchy.

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Bow Valley Credit Union Ltd.
Notes to Financial Statements
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19. Financial instruments risk management (continued)

Interest rate risk

Interest rate risk is the risk that the value of a financial instrument might be adversely affected by a change in the interest rates. Changes in market interest rates may have an effect on the cash flows associated with some financial assets and liabilities, known as cash flow risk, and on the fair value of other financial assets or liabilities, known as price risk. The Credit Union incurs interest rate risk on its loans and other interest bearing financial instruments.

As at October 31, 2023	Floating Rate	Within 1 Year	More Than 1 Year	Non Interest Sensitive	Total
(\$Thousands)					
Assets					
Cash and cash equivalents \$	5,115	-	-	381	5,496
<i>Effective yield (%)</i>	<i>0.02%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.01%</i>
Investments	-	99,441	10,000	5,726	115,167
<i>Effective yield (%)</i>	<i>0.00%</i>	<i>5.05%</i>	<i>3.62%</i>	<i>0.00%</i>	<i>4.67%</i>
Members' loans	67,410	57,825	310,158	675	436,068
<i>Effective yield (%)</i>	<i>7.89%</i>	<i>3.95%</i>	<i>2.04%</i>	<i>0.00%</i>	<i>4.10%</i>
Other assets				12,595	12,595
	72,525	157,266	320,158	19,377	569,326
Liabilities and Equity					
Members' deposits \$	223,749	184,816	74,737	43,507	526,809
<i>Effective yield (%)</i>	<i>0.85%</i>	<i>4.16%</i>	<i>2.32%</i>	<i>0.00%</i>	<i>2.43%</i>
Other liabilities	-	-	-	4,564	4,564
Equity	-	-	-	37,953	37,953
	223,749	184,816	74,737	86,024	569,326
Net 2023 position	\$ (151,224)	(27,550)	245,421	(66,647)	-

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19. Financial instruments risk management (continued)

As at October 31, 2022	Floating Rate	Within 1 Year	More Than 1 Year	Non Interest Sensitive	Total
(\$Thousands)					
Assets					
Cash and cash equivalents	\$ 20,500	-	-	1,267	21,767
<i>Effective yield (%)</i>	<i>0.25%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.24%</i>
Investments	-	32,975	5,000	4,609	42,584
<i>Effective yield (%)</i>	<i>0.00%</i>	<i>2.80%</i>	<i>3.65%</i>	<i>0.00%</i>	<i>2.59%</i>
Members' loans	69,115	50,157	311,441	484	431,197
<i>Effective yield (%)</i>	<i>7.08%</i>	<i>3.41%</i>	<i>2.15%</i>	<i>0.00%</i>	<i>3.68%</i>
Other assets	-	-	-	11,356	11,356
	89,615	83,132	316,441	17,716	506,904
Liabilities and Equity					
Members' deposits	\$ 220,472	130,215	56,724	39,399	446,810
<i>Effective yield (%)</i>	<i>0.46%</i>	<i>2.47%</i>	<i>1.63%</i>	<i>0.00%</i>	<i>1.32%</i>
Other liabilities	-	22,500	-	4,340	26,840
Equity	-	-	-	33,254	33,254
	220,472	152,715	56,724	76,993	506,904
Net 2022 position	\$ (130,857)	(69,583)	259,717	(59,277)	-

Foreign currency risk

Foreign currency risk exposure results if financial assets or financial liabilities are denominated in a currency other than Canadian dollars. The Credit Union holds US dollars. The balances held are relatively low therefore the currency risk is low. The Credit Union follows a policy of holding US dollars in an amount slightly below the US dollar deposit account levels. These levels are monitored and recorded daily. The buy and sell rates are also monitored and recorded daily. Excess US cash holdings are converted into Canadian funds.

Liquidity risk

Liquidity risk is the risk that the Credit Union will not be able to pay obligations when they fall due or not be able to repay depositors when funds are withdrawn. To mitigate this risk, the Act requires that the Credit Union maintain, at all times liquidity that is adequate in relation to the business carried on. The Credit Union calculates its liquidity position on a monthly basis to assess compliance with statutory and mandatory liquidity requirements. These balances are communicated to the Board of Directors regularly throughout the year. The Credit Union manages liquidity by continuously monitoring actual daily cash flows, monitoring the maturity dates of financial assets and financial liabilities, and maintaining adequate cash reserves.

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Notes to Financial Statements
Year Ended October 31, 2023

19. Financial instruments risk management (continued)

The Act requires credit unions to maintain eligible assets for adequate liquidity. Assets held by the Credit Union for such purposes are outlined below:

	<u>2023</u>	<u>2022</u>
Alberta Central statutory investments	\$ 46,475,000	\$ 37,975,000
Alberta Central common shares	5,100,000	4,500,000
Total assets held for liquidity	\$ 51,575,000	\$ 42,475,000

20. Director and officer indemnification

The Credit Union indemnifies its directors and officers against any and all claims or losses reasonably incurred in the performance of their service to the Credit Union to the extent permitted by law.

21. Related party transactions

Key management personnel (KMP) of the Credit Union include Executive Management and Branch Management.

Loans made to KMP are approved under the same lending criteria applicable to members. KMP may receive concessional rates of interest on their loans and facilities. These benefits are subject to tax with the total value of the benefit included in the compensation figures below.

There are no loans that are impaired in relation to loan balances with KMP or directors.

There are no benefits or concessional terms and conditions applicable to the family members of KMP. There are no loans that are impaired in relation to the loan balances with family or relatives of KMP.

At year end, the total value of loans outstanding to KMP and member deposits from KMP amounted to:

	<u>2023</u>	<u>2022</u>
Aggregate of loans to KMP	\$ 4,545,196	\$ 2,499,895
Aggregate of deposits from KMP	2,160,507	1,198,821

During the year, the interest earned on loans and interest paid on deposits for KMP amounted to:

	<u>2023</u>	<u>2022</u>
Interest and other revenue earned on loans to KMP	\$ 118,168	\$ 44,510
Interest paid on deposits to KMP	64,608	24,330

(continues)

Bow Valley Credit Union Ltd.
Notes to Financial Statements
Year Ended October 31, 2023

21. Related party transactions (continued)

During the year, the aggregate compensation of KMP amounted to:

	2023	2022
Salary, bonuses and short term benefits	\$ 1,327,676	\$ 1,260,881

Transactions with the Board of Directors, committee members, management and staff are at terms and conditions as set out in the loan policies of the Credit Union.

Payments made for honoraria and per diems amounted to \$36,000 (2022 - \$56,200) and reimbursement of expenses amounted to \$15,675 (2022 - \$5,865). Amounts paid to directors ranged from \$600 to \$13,500 with an average of \$5,690.

The Credit Union Deposit Guarantee Corporation

CUDGC was incorporated for the purpose of protecting the members of credit unions from financial loss in respect of their deposits with credit unions and to establish sound procedures and controls for credit unions. CUDGC provides a safeguard for all savings and deposits of members of Alberta credit unions.

Transactions with the CUDGC included assessments of \$210,800 (2022 - \$215,248) and are recorded as member security expense in the statement of income and comprehensive income. There was \$27,753 (2022 - \$57,598) included in accounts payable and accrued liabilities at year end.

The Credit Union Central Alberta Limited

The Credit Union is a member of the Alberta Central which acts as a depository for surplus funds, and makes loans to credit unions. Alberta Central also provides other services for a fee to the Credit Union and acts in an advisory capacity.

Transactions with Alberta Central included income earned on investments referred to in *Note 5* in the amount of \$3,215,948 (2022 - \$433,886), and fees assessed by Alberta Central which include annual affiliation dues in the amount of \$42,680 (2022 - \$90,252) recorded as organization expense in the statement of income and comprehensive income.

Celero Solutions

The Credit Union has entered into an agreement with Celero Solutions to provide the maintenance of the infrastructure needed to ensure uninterrupted delivery of such banking services.

Celero Solutions is a company formed as a joint venture by the Credit Union Centrals of Alberta, Manitoba, and Saskatchewan.

22. Subsequent event

The following event occurred subsequent to the fiscal year end:

Acheson Location

On June 13, 2023, the Board granted formal approval for the Credit Union's expansion into Acheson following the Board's presentation on the plan's progress, covering aspects such as capital, venue, hardware, services, and member intake improvements. The branch is set to begin its operations and be open to the public in the following fiscal year.