# BiLd Solutions Inc 

October 9, 2006
Somename Manager
Example Credit Union Limited
Streetname Street
Somewhere, Ontario
LLL 222
Dear Somename:
Attached is the asset/liability management analysis for Example Credit Union using the Canadian Asset/Liability Management System (CALMS) as of September 2006.

This quarter's analysis includes a number of major changes from previous ones. These changes make for a more accurate assessment of the interest rate risks at Example.

1. This is the first analysis using CALMS which will mean a considerably more accurate analysis. In addition, the credit union should now be able to produce interim reports on your own using the system.
2. CALMS measures interest rates by calculating cashflows from principal values, resulting in a more accurate measure of interest rate risk. This will mean an increase in the amount of EAR exposures, but EVR exposures have always been measured with cashflows so the use of CALMS will have little effect.
3. We re-evaluated core deposits, which translated into some additional core deposits. Using CALMS going forward should make it easier for core deposits to track the changes happening in the credit union. This re-evaluation resulted in a small increase in EAR exposures and a larger increase in EVR exposures.
4. Core Deposits were spread from 1 month to 5 years, just as they have been in the past. A simple adjustment to analysis parameters will enable longer core deposit terms, should the credit union decide to transact longer term investments or deposits.

To give you a feel for the effects of these changes, the March and December reports were done using the old spreadsheet methodology and CALMS. The following table summarizes the differences in the measures:

|  | Spreadsheet | CALMS | Difference |
| :--- | ---: | ---: | ---: |
| Earnings at Risk (EAR) | 13.1 | 17.0 | 3.9 |
| Dec 2005 EAR | 15.7 | 19.2 | 3.5 |
| Mar 2005 EAR |  |  |  |
|  | 5.0 | 9.0 | 4.0 |
| Economic Value at Risk (EVR) | 10.3 | 13.5 | 3.2 |
| Dec 2005 EVR |  |  |  |
| Mar 2005 EVR |  |  |  |

As you can see the CALMS exposure measurements are higher than the spreadsheet measurements. For the EAR measurement, this is a result of using cashflows to measure interest rate risk. For the EVR measure, additional core deposits meant higher levels.

For the rest of the analysis, I will use the CALMS measures for interest rate risks in March, to remove the effect of changing measurement techniques.

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## Analysis: Short Term Interest Rate Risk (EAR)

Your credit union's exposure to a $1 \%$ rate decrease in interest rates as of September 2006 is 20.4 basis points as compared to 19.2 basis points in March. (See the Executive Summary report in the Summary section of the report.)

Using the 50 basis point rate shock test, your falling rate exposure falls to 9.9 basis points. (See the 50 Basis Point Shock Test in the Scenario section of the report). This level of exposure is considered to be high. Given that the Bank of Canada has not raised rates for raised rates for the last three opportunities, it would seem prudent to try to reduce interest rate risk now to protect the credit union from downside risk.

## Analysis: Forecasted Net Interest Income

Your credit union's forecasted net interest income, (NII) as of September, stands at $\$ 2,525 \mathrm{~K}$ up from $\$ 2,451 \mathrm{~K}$ in March. The prime rate is 50 basis points higher since March, which is likely the main reason for the improvement. Many economists now expect the Bank of Canada to pause and possibly even start to drop interest rates. Each quarter point drop in prime will cost Example an additional $\$ 32 \mathrm{k}$ in forecasted net interest income. (Please see the Executive Summary in the Summary section of the report.)

Your projected financial margin fell a little as a result of asset growth. At the end of September, it was 3.87\% down from $4.00 \%$ in March. (See the Executive Summary in the Summary section of the report.)

## Analysis: Long Term Interest Rate Risk (EVR)

Your exposure to falling rates for the long end of your portfolio fell a little last quarter. March's exposure of 13.5 basis points is now 9.2 basis points. In dollar terms, a $1 \%$ drop in rates will result in a $\$ 60 \mathrm{k}$ drop in economic value. This level of exposure is considered to be low. (See the Executive Summary in the Summary section of the report.) Mortgage activity at the five year term continued to be robust, and is the likely reason for the improvement.

The EV analysis shows that current levels of exposure are now low and are probably best reduced with on-balance sheet strategies. (See the Economic Value at Risk section of this report.) Example could still use some longer assets on its balance sheet - the amount required to get completely hedged for EVR is about $\$ 1.4$ million at the five year term.

Example's EV also increased over the quarter from $\$ 3.15$ million to $\$ 3.24$ million. EV is the estimated value of Example Credit Union so this means the value increased by about $\$ 87 \mathrm{k}$ in three months. This improvement is also likely a consequence of the mortgage activity.

## Scenarios: Loan Campaign

One way to reduce risk to falling rates is to conduct a loan campaign and finance these new loans with borrowings. By lending $\$ 1$ million of 5 year loans and financing those loans with 1 month borrowings, your exposure would decrease by about 5.6 basis points. You would also increase your forecasted net interest income by $\$ 18 \mathrm{~K}$. To get fully hedged for EVR, you would need to transact $\$ 1.7$ million of these mortgages. (See the Scenario Comparison for Mortgage Campaign report in the Scenario section.) In selecting the best term for loans, you should show a slight preference for 1 (best), 2 , or 5 year loans.

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## Scenarios: Investments

An effective way to decrease an exposure to falling rates is to keep your liquid investments maturing between 6 and 12 months. The idea is to sell shorter investments (less than 6 months) before maturity and reinvest the proceeds at a longer term ( 9 to 12 months). If this strategy was implemented, ECU would reduce exposure by 3.1 basis points and increase forecasted net interest income by about $\$ 12 \mathrm{k}$ for a 1 year investment and 0.7 basis points and $\$ 5 \mathrm{k}$ for a 6 month investment.

This strategy is ideal for your current position because it effectively reduces EAR and has almost no effect on EVR. If you are unable to trade your liquidity deposits, simply invest long whenever there is a maturity.

## Scenarios: Interest Rate Swap

Implementing $\$ 1$ million of $\mathbf{1}$ year receive fixed, pay floating interest rate swaps would also decrease the exposure by about 1.4 basis points of assets and it will have little effect on forecasted net interest income. (See the Sensitivity Analysis printout within the Interest Rate Swap section).

When deciding which term to transact an interest rate swap, the key page to look at is titled "Summary", which is also the last page of this report. Look at the columns called Perfect Hedge and One Swap. The Perfect Hedge column shows what swaps you should do to get your long end of your book perfectly hedged. We often do not recommend this approach because of high transaction costs, however the numbers are useful as they show how much is required for each term. The One Swap column shows how much swap must be transacted for each term assuming only one swap is to be completed. These numbers represent the duration weighted amount of swap needed to hedge the whole book and it makes sense that the shorter the term, the larger the swap that is required.

Should you decide to get hedged, I am recommending 1 year interest rate swaps as they have less effect on EVR. Also, the flat yield curve makes this a good time to remain short. Since 1 year swaps deteriorate quickly, the best strategy would employ a continual ladder of 1 year swaps - perhaps $\$ 3$ million every quarter.

## Scenarios: Securitization

Sometimes, CUCO encourages credit unions to hedge the exposure with a swap built into the securitization transaction - I advise against that for Example. You want the exposure that the built-in swap would be hedging, so take the unhedged or floating option on the securitization.

I modelled using a $\$ 100$ thousand securitization (unlike the other scenarios which used $\$ 1$ million), but if you decide to proceed, you would transact a number of millions. We should model with the exact terms of the mtges to best gauge the effect. The results for the securitization are as follows: Minimal effect on interest rate risk, because the securitization is unhedged. There is a minimal effect on net income, because you will be paying down borrowings which have a similar rate to the amount paid to Smart Trust in the 1 month term. There is, however, a transfer from Net Interest Income to Other Revenue as a result of the transaction. Gross margins (financial margin plus other revenue) gain 1 basis point because total assets are reduced and the total income remains roughly the same. There will also be a 1 basis point improvement on the capital ratio. (Please see the Securitize Mortgage strategy in the Strategies section.)

In addition you don't need as many liquid assets to get to an $8 \%$ liquidity ratio as you do for the loan. The formula for the liquidity ratio is liquid assets divided by (deposits + borrowings). The securitization reduces borrowing and it will therefore require fewer liquid assets to meet the $8 \%$ test.

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## Strategies: Premium Savings Account

I didn't model this strategy, because the effect is pretty simple. In your current state, liquidity gained with a premium savings account would be used to pay off your debt with Central. There would be no effect on EAR or EVR because you are simply exchanging one variable liability for another. The effect on forecasted net interest income would be the difference between those two rates. For example, if you borrow at $4.5 \%$ and offer your premium account at $4.00 \%$, you would save $0.50 \%$ per year, or $\$ 5 \mathrm{k}$ per million dollars transacted. Liquidity would be slightly improved; there would be no effect on capital.

To the extent that some of your high rate savings account is core, there will be slightly increased interest rate risk.
Members cashing in other deposits for high rate savings will result in lower EAR, but also significantly lower earnings. This is the main risk with the strategy.

## Discussion: Short Term Interest Rate Risk

Rising rates have made the interest rate swap strategy more attractive. At this point, rates seemed to have peaked, so the timing is also good. Longer term lending activities are still preferred over interest rate swaps as they produce more margin, but they take longer and tend to have longer terms than the ideal. At this point, Example should continue to try to source mortgages from its members and borrow to finance them.

The EAR measure requires about $\$ 15$ million in mortgages to get fully hedged.
Keeping your liquid investments maturing between 6 months and 1 year will improve your EAR. This is an effective strategy that you should consider as it has little effect on EVR. (Assuming you can trade your Central liquidity deposits).

The fact that you have a relatively lower EVR exposure as compared to your EAR exposure means that shorter fixed loans and mortgages are now preferable to longer ones. Shorter mortgages ( 1 to 2 years) have a smaller effect on EVR but the same effect on EAR as longer mortgages. To be fully hedged for EVR would take about 7 million in one year mortgages. This not a recommended strategy, it is just more information that you might be able to use.

Also, longer term deposits will increase EVR, but will allow a better balance with EAR exposures. So longer term deposits are recommended.

And, somewhat perversely, short variable deposits (perhaps a high rate savings account) are also recommended as a way to reduce EAR exposures with no effects on EVR. This strategy has considerable risks. The idea would be to increase liquidity and reduce EAR, but could have very negative effects on forecasted Net Interest Income if members switched from their low rate savings accounts to this new deposit.

Borrowings were increased because of a large deposit being cashed in. Unless more liquidity can be gained through longer deposits, you might consider mortgage securitization as a way to get your borrowing levels down for very little cost. Example remains at the profitability sweet spot right now.

## Conclusions:

1. Example's projected net interest income is $\$ 2,525$ thousand.

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2. Your current EAR exposure is about 20 basis points to a fall in rates and is considered high.
3. Longer term risk to falling interest rates is now low for Example at 9 basis points of assets. This is a low level of interest rate exposure.
4. Active management of short investments (within liquidity constraints) is a very good strategy for Example because it reduces EAR without affecting EVR very much. This is the best current strategy given your current book of business.
5. Short term variable deposits will reduce EAR and increase liquidity and are recommended. Also, 5 year deposits are also recommended as a way to bring EAR and EVR risks into alignment.
6. Adding longer-term assets to your book of business (either with loans or with long investments) would have the effect of further decreasing risk while increasing locked-in income. This is one approach to reducing interest rate risk.
7. Mortgage securitization remains a strategy for consideration. This is a strategy that is fairly painful administratively the first time and will likely take 3 months. Once set-up, ECU will have a way to quickly access liquidity should it be required.

If you have any questions - feel free to call at your convenience. I can be reached at home at $905370-0078$ or by cell 416 834-3738.

Yours truly,


Bill Benton BSc, MBA, CMA, CFA
CEO, BiLd Solutions Inc.

## Example Credit Union

## Canadian Asset/Liability Management System

1. Summary and History Reports
a) Summary
b) History
2. Interest Rate Risk Analyses
a) Earnings at Risk (EAR) Analysis
b) Economic Value at Risk (EVR) Analysis
3. Scenario Analyses
a) 50 Basis Point shock
b) Mortgage Campaign
c) Lengthen Investments
d) Interest Rate Swap
e) Securitization

| Prepared By: | Bill Benton |
| :--- | :--- |
|  | CEO, BiLd Solutions Inc. |

March, 2007

## Example Credit Union

Canadian Asset/Liability Management System

1. Summary and History Reports
a) Summary
b) History

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# Example Credit Union Limited Executive Summary (in \$000's) <br> As of Sep 30, 2006 

|  | This Period | Last Period | Difference |
| :--- | ---: | ---: | ---: |
| Analysis Date | Sep-06 | Mar-06 | 183 Days |
| Earnings at Risk (EAR) |  |  |  |
| Exposure Direction |  |  |  |
| Shock Amount | Falling Rates | Falling Rates | Same Direction |
| EAR Dollar Amount | 100.0 bps | 100.0 bps | 0.0 bps |
| EAR in Basis Points | $\$ 133.2$ | $\$ 117.8$ | $\$ 15.5$ |
|  | 20.4 bps | 19.2 bps | 1.2 bps |
| Economic Value at Risk (EVR) |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |
| EVR Dollar Amount | $\$ 60.3$ | $\$ 83.0$ | $-\$ 22.7$ |
| EVR in Basis Points | 9.2 bps | 13.5 bps | -4.3 bps |
| Price Value of a Basis Point | $\$ 594$ | $\$ 815$ | $-\$ 221$ |
|  |  |  |  |
| Financial Performance |  |  |  |
| Net Interest Income | $\$ 2,525$ | $\$ 2,451$ | $\$ 74$ |
| Financial Margin | $3.87 \%$ | $4.00 \%$ | -13 bps |
| Economic Value | $\$ 3,235$ | $\$ 3,148$ | $\$ 87$ |
| Accounting Book Value | $\$ 4,009$ | $\$ 3,818$ | $\$ 191$ |
| Total Assets | $\$ 65,195$ | $\$ 61,237$ | $\$ 3,958$ |
| Liquidity Ratio | $12.4 \%$ | $8.8 \%$ | 355 bps |
| Capital Ratio | $6.15 \%$ | $6.23 \%$ | -9 bps |

# Example Credit Union Limited Interest Rate Risk Summary (in \$000's) As of Sep 30, 2006 

| Earnings at Risk (EAR) Exposure |  |
| :--- | :---: |
| Shock Start Date | 30-Sep-06 |
| Exposed To | Falling Rates |
| Exposure Amount (Basis Points) | 20.4 bpts |
| Exposure Amount (Dollars) | $\$ 133.2$ |
| Rate Shock (Basis Points) | 100 bpts |
| Board Limit | 15 |
| Over Board Limit? | Yes |
| Regulatory Limit | 15 |
| Over Regulatory Limit? | Yes |

## Economic Value at Risk (EVR) Exposure

| Exposed To | Falling Rates |
| :--- | :---: |
| Exposure Amount (Basis Points) | 9.2 bpts |
| Exposure Amount (Dollars) | $\$ 60.3$ |
| Board Limit | Not Applicable |
| Over Board Limit? | Not Applicable |

## Example Credit Union

Canadian Asset/Liability Management System

1. Summary and History Reports
a) Summary
b) History

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## Example Credit Union Limited

Graph Earnings at Risk (EAR) Exposure (in \$000's)
As of Sep 30, 2006


## Example Credit Union

Canadian Asset/Liability Management System

2. Interest Rate Risk Analyses
a) Earnings at Risk (EAR)
b) Economic Value at Risk (EVR)

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# Example Credit Union Limited Earnings at Risk Exposure Matrix (in $\$ 000$ 's) As of Sep 30, 2006 

| Interest Rate Risk Exposure |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Shock Start <br> Date | Exposed To | Amount <br> (BPts) | Amount <br> $(\$)$ | Shock Test <br> (BPts) | Over BOD <br> Limit | Over Reg. <br> Limit | CAMEL <br> Score | CAMEL Tier |
| 30-Sep-06 | Falling | 20.4 | $\$ 133.22$ | -100 | Yes | Yes | 2.5 | 4 |


| Net Interest Income Exposed |  |  |  |
| :---: | ---: | ---: | ---: |
| Rate Shock | Fixed | Variable | Total |
| $3.00 \%$ | $-\$ 291.1$ | $\$ 639.5$ | $\$ 348.4$ |
| $2.00 \%$ | $-\$ 194.1$ | $\$ 426.3$ | $\$ 232.3$ |
| $1.00 \%$ | $-\$ 97.0$ | $\$ 213.2$ | $\$ 116.1$ |
| Forecasted Net Interest | $\$ 876.0$ | $\$ 1,649.2$ | $\$ 2,525.2$ |
| $-1.00 \%$ | $\$ 80.0$ | $-\$ 213.2$ | $-\$ 133.2$ |
| $-2.00 \%$ | $\$ 139.6$ | $-\$ 410.3$ | $-\$ 270.6$ |
| $-3.00 \%$ | $\$ 166.0$ | $-\$ 607.7$ | $-\$ 441.8$ |


| Percent of Assets Exposed |  |  |  |
| :---: | ---: | ---: | ---: |
| Rate Shock | Fixed | Variable | Total |
| $3.00 \%$ | $-0.45 \%$ | $0.98 \%$ | $0.53 \%$ |
| $2.00 \%$ | $-0.30 \%$ | $0.65 \%$ | $0.36 \%$ |
| $1.00 \%$ | $-0.15 \%$ | $0.33 \%$ | $0.18 \%$ |
| Forecasted Financial Margin | $1.34 \%$ | $2.53 \%$ | $3.87 \%$ |
|  |  | $0.12 \%$ | $-0.33 \%$ |
| $-1.00 \%$ | $0.21 \%$ | $-0.63 \%$ | $-0.20 \%$ |
| $-3.00 \%$ | $0.25 \%$ | $-0.93 \%$ | $-0.42 \%$ |

## Example Credit Union Limited <br> Liquidity (in \$000's) <br> As of Sep 30, 2006

| Liquid Account | Section 16 | Section 17 | Section 18 |  |
| :---: | :---: | :---: | :---: | :---: |
| Liquidity Deposits |  | \$4,314 |  |  |
| Cash | \$982 |  |  |  |
| CUCO Current Account | \$2,141 |  |  |  |
| CIBC Wood Gundy | \$9 |  |  |  |
| CUCO US Account | \$56 |  |  |  |
|  |  |  |  | Grand Total |
| Total | \$3,188 | \$4,314 |  | \$7,502 |
| \% of Deposits \& Borrowings | 5.86\% | 7.93\% |  | 13.79\% |


| Total Deposits | $\$ 54,390$ |
| :--- | :---: |
| Short Borrowings |  |
| Term Borrowings |  |
| Total Deposits \& Borrowings | $\$ 54,390$ |
| Member of a Liquidity Pool? | Yes |


| Liquidity Tests | Actual | Required | Pass/Fail | Requirement |
| :--- | ---: | ---: | ---: | :---: |
| Section 16 | $\$ 3,188$ | $\$ 544$ |  | Must be greater than $1 \%$ |
|  | $5.86 \%$ | $1.00 \%$ | Pass | of deposits and borrowings. |
| Section 17 | $\$ 7,502$ | $\$ 2,720$ |  | Must be greater than $5 \%$ |
|  | $13.79 \%$ | $5.00 \%$ | Pass | of deposits and borrowings. |
| Section 18 | $\$ 7,502$ | $\$ 5,439$ |  | Must be greater than $10 \%$ |
|  | $13.79 \%$ | $10.00 \%$ | Pass | of deposits and borrowings. |
| Section 21 (Borrowing) | $\$ 7,502$ | $\$ 3,263$ |  | Must pass borrowing test. |
|  | $13.79 \%$ | $6.00 \%$ | Pass | $6 \%$ of Deposits \& Borrowings |

# Example Credit Union Limited Contribution Margin - Assets (in \$000's) <br> As of Sep 30, 2006 

| Account Name | Amount | Yield | Mix | Revenue | Margin |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Fixed Rate Accounts |  |  |  |  |  |
| Liquidity Deposits | \$ 4,314 | 3.97 \% | 6.62 \% | \$ 171 | 0.26 \% |
| Central Shares | \$ 370 | 2.00 \% | 0.57 \% | \$ 7 | 0.01 \% |
| Concentra Shares | \$ 14 | 0.00 \% | 0.02 \% | \$ 0 | 0.00 \% |
| Personal Loans Fixed | \$ 2,188 | 7.73 \% | 3.36 \% | \$ 169 | 0.26 \% |
| Mortgages - Fixed Rate | \$ 28,259 | 5.76 \% | 43.35 \% | \$ 1,629 | 2.50 \% |
| Concentra Mortgage Pool | \$ 4,933 | 4.76 \% | 7.57 \% | \$ 235 | 0.36 \% |
| Core Assets | \$ 0 | 0.00 \% | 0.00 \% | \$ 0 | 0.00 \% |
| Interest Rate Swaps - Receiving | \$ 0 | 0.00 \% | 0.00 \% | \$ 0 | 0.00 \% |
| Total Fixed Rate | \$ 40,078 | 5.52 \% | 61.47 \% | \$ 2,211 | 3.39 \% |
| Variable Rate Accounts |  |  |  |  |  |
| CIBC Wood Gundy | \$ 9 | 2.00 \% | 0.01 \% | \$ 0 | 0.00 \% |
| CUCO Current Account | \$ 2,141 | 1.50 \% | 3.28 \% | \$ 32 | 0.05 \% |
| CUCO US Account | \$ 56 | 0.00 \% | 0.09 \% | \$ 0 | 0.00 \% |
| Personal Loans Variable | \$ 9,016 | 9.05 \% | 13.83 \% | \$ 816 | 1.25 \% |
| Line of Credit Loans - PC | \$ 2,886 | 7.37 \% | 4.43 \% | \$ 213 | 0.33 \% |
| Line of Credit-Combination | \$ 5,388 | 7.37 \% | 8.26 \% | \$ 397 | 0.61 \% |
| Line Of Credit Loans-Business | \$ 1,235 | 7.37 \% | 1.89 \% | \$ 91 | 0.14 \% |
| Mortgages Variable | \$ 1,914 | 7.15 \% | 2.94 \% | \$ 137 | 0.21 \% |
| Total Variable Rate | \$ 22,646 | 7.45 \% | 34.73 \% | \$ 1,686 | 2.59 \% |
| Non-Interest Rate Sensitive |  |  |  |  |  |
| Cash | \$ 982 |  | 1.51 \% |  |  |
| Con Mtge Pool Invest Premium | \$ 66 |  | 0.10 \% |  |  |
| Suspense and Other Assets | -\$ 917 |  | -1.41\% |  |  |
| Accrued Interest Receivable-Loans | \$ 70 |  | 0.11 \% |  |  |
| Accrued Interest - Liquidity Deposit | \$ 81 |  | 0.12 \% |  |  |
| PrePaid Expense | \$ 497 |  | 0.76 \% |  |  |
| Provision for Loan Losses | -\$ 188 |  | -0.29 \% |  |  |
| Net Fixed Assets | \$ 1,881 |  | 2.89 \% |  |  |
| Total Non-Interest Rate Sensitive | \$ 2,472 | 0.00 \% | 3.79 \% | \$ 0 | 0.00 \% |
|  |  |  |  |  |  |
| Grand Total Assets | \$ 65,195 | 5.98 \% | 100.00 \% | \$ 3,897 | 5.98 \% |
|  |  |  |  |  |  |
| Total Assets less Total Liabilities | \$ 0 | 3.87 \% |  | \$ 2,525 | 3.87 \% |

[^2]
# Example Credit Union Limited Contribution Margin - Liabilities (in \$000's) As of Sep 30, 2006 

| Account Name | Amount | Yield | Mix | Expense | Margin |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Fixed Rate Accounts |  |  |  |  |  |
| CUCO Term Loan | \$ 6,100 | 4.65 \% | 9.36 \% | \$ 284 | 0.44 \% |
| Term Deposits | \$ 17,160 | 2.87 \% | 26.32 \% | \$ 492 | 0.76 \% |
| Term Deposit Index Linked | \$ 784 | 3.22 \% | 1.20 \% | \$ 25 | 0.04 \% |
| Index Linked RRSP | \$ 3,502 | 3.33 \% | 5.37 \% | \$ 117 | 0.18 \% |
| Fixed RRSP | \$ 7,049 | 3.21 \% | 10.81 \% | \$ 226 | 0.35 \% |
| Fixed RRIF | \$ 3,228 | 3.27 \% | 4.95 \% | \$ 105 | 0.16 \% |
| Core Deposits | \$ 16,045 | 0.21 \% | 24.61 \% | \$ 34 | 0.05 \% |
| Ownership Shares | \$ 619 | 1.25 \% | 0.95 \% | \$ 8 | 0.01 \% |
| RRSP Investment Shares | \$ 612 | 4.25 \% | 0.94 \% | \$ 26 | 0.04 \% |
| Term Investment Shares | \$ 433 | 4.25 \% | 0.66 \% | \$ 18 | 0.03 \% |
| Core Equities | \$ 2,345 | 0.00 \% | 3.60 \% | \$ 0 | 0.00 \% |
| Interest Rate Swaps - Paying | \$ 0 | 0.00 \% | 0.00 \% | \$ 0 | 0.00 \% |
| Total Fixed Rate | \$ 57,876 | 2.31 \% | 88.77 \% | \$ 1,335 | 2.05 \% |
| Variable Rate Accounts |  |  |  |  |  |
| CUCO Current Account - Overdraught | \$ 0 | 0.00 \% | 0.00 \% | \$ 0 | 0.00 \% |
| Business Account | \$ 1,000 | 2.50 \% | 1.53 \% | \$ 25 | 0.04 \% |
| Plan 24 | \$ 1,124 | 0.50 \% | 1.72 \% | \$ 6 | 0.01 \% |
| CAIS Deposits | \$ 0 | 0.00 \% | 0.00 \% | \$ 0 | 0.00 \% |
| Money Maker | \$ 92 | 0.10 \% | 0.14 \% | \$ 0 | 0.00 \% |
| Combination Account | \$ 1,421 | 0.10 \% | 2.18 \% | \$ 1 | 0.00 \% |
| US Savings | \$ 66 | 0.00 \% | 0.10 \% | \$ 0 | 0.00 \% |
| Var RRSP | \$ 688 | 0.50 \% | 1.06 \% | \$ 3 | 0.01 \% |
| Var RRIF | \$ 250 | 0.50 \% | 0.38 \% | \$ 1 | 0.00 \% |
| Total Variable Rate | \$ 4,642 | 0.79 \% | 7.12 \% | \$ 37 | 0.06 \% |
| Non-Interest Rate Sensitive |  |  |  |  |  |
| Life Insured | \$ 42 |  | 0.06 \% |  |  |
| Chequing | \$ 1,320 |  | 2.02 \% |  |  |
| Business Account - noninterest | \$ 887 |  | 1.36 \% |  |  |
| Income Tax Accrual | \$ 5 |  | 0.01 \% |  |  |
| Payables - Various | \$ 136 |  | 0.21 \% |  |  |
| Accrued Interest Payable | \$ 280 |  | 0.43 \% |  |  |
| Concentra Mortgage Contra | \$ 8 |  | 0.01 \% |  |  |
| Undivided Earnings | \$ 0 |  | 0.00 \% |  |  |
| Undivided Earnings - Year to Date | \$ 0 |  | 0.00 \% |  |  |
| Total Non-Interest Rate Sensitive | \$ 2,677 | 0.00 \% | 4.11 \% | \$ 0 | 0.00 \% |
| Grand Total Liabilities | \$ 65,195 | 2.10 \% | 100.00 \% | \$ 1,372 | 2.10 \% |
|  |  |  |  |  |  |
| Total Assets less Total Liabilities | \$ 0 | 3.87 \% |  | \$ 2,525 | 3.87 \% |

Note: Swaps are excluded from the Amounts totals, but are included for the Revenue and Margin totals

## Example Credit Union Limited <br> Core Deposit Allocations (in \$000's) <br> As of Sep 30, 2006

| Total Core Deposits | $\$ 18,390$ |
| :--- | ---: |


| Variable Rate Accounts Schedule |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Account Name |  | Original Amount | Core Amount | Adjusted Amount |
| Variable Rate Liabilities |  |  |  |  |
| Plan 24 |  | \$6,553 | \$5,429 | \$1,124 |
| Money Maker |  | \$468 | \$376 | \$92 |
| Combination Account |  | \$5,587 | \$4,165 | \$1,421 |
| Var RRSP |  | \$969 | \$281 | \$688 |
| Var RRIF |  | \$352 | \$102 | \$250 |
|  | Total | \$13,929 | \$10,353 | \$3,576 |
| Amount of Variable Core |  |  | \$10,353 |  |


| Non-Interest Rate Sensitive Accounts Schedule |  |  |  |
| :---: | :---: | :---: | :---: |
| Account Name | Original Amount | Core Amount | Adjusted Amount |
| Non-Interest Rate Sensitive Liabilities |  |  |  |
| Life Insured | \$142 | \$100 | \$42 |
| Chequing | \$5,188 | \$3,868 | \$1,320 |
| Business Account - noninterest | \$2,342 | \$1,455 | \$887 |
| Payables - Various | \$232 | \$96 | \$136 |
| Accrued Interest Payable | \$452 | \$172 | \$280 |
| Total | \$8,356 | \$5,692 | \$2,664 |
| Non-Interest Rate Sensitive Equities |  |  |  |
| Undivided Earnings | \$2,038 | \$2,038 | \$0 |
| Undivided Earnings - Year to Date | \$306 | \$306 | \$0 |
| Total | \$2,345 | \$2,345 | \$0 |
| Amount of Non-Interest Core |  | \$8,037 |  |

# Example Credit Union Limited <br> Core Deposit Allocations (in \$000's) <br> As of Sep 30, 2006 

| Core Deposit Amounts excluding Equity |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Period | \% Allocated | Amount | Per Month | Rate |
| Year 1 | 25\% | \$4,011 | \$334 | 0.209\% |
| Years 2-5 | 75\% | \$12,034 | \$251 | 0.209\% |
| Years > 5 | 0\% | \$0 | \$0 | 0.000\% |
| Total |  | \$16,045 |  |  |


| Core Deposit Equity Component |  |  |  |  |
| :---: | ---: | ---: | ---: | :---: |
| Period | \% Allocated | Amount | Per Month | Rate |
| 60 | $100 \%$ | $\$ 2,345$ | $\$ 2,345$ | $0.000 \%$ |

# Example Credit Union Limited Non-Interest Rate Sensitive (in \$000's) As of Sep 30, 2006 

| Non-Interest Rate Sensitive Assets |  |
| :--- | ---: |
| Account Name | Amount |
|  |  |
| Cash | $\$ 982$ |
| Con Mtge Pool Invest Premium | $\$ 66$ |
| Suspense and Other Assets | $-\$ 917$ |
| Accrued Interest Receivable-Loans | $\$ 70$ |
| Accrued Interest - Liquidity Deposit | $\$ 81$ |
| PrePaid Expense | $\$ 497$ |
| Provision for Loan Losses | $-\$ 188$ |
| Net Fixed Assets | $\$ 1,881$ |
|  |  |
|  |  |


| Non-Interest Rate Sensitive Liabilities |  |
| :--- | ---: |
| Account Name | Amount |
|  |  |
| Life Insured | $\$ 42$ |
| Chequing | $\$ 1,320$ |
| Business Account - noninterest | $\$ 887$ |
| Income Tax Accrual | $\$ 5$ |
| Payables - Various | $\$ 136$ |
| Accrued Interest Payable | $\$ 280$ |
| Concentra Mortgage Contra | $\$ 8$ |
|  |  |
|  | Total |


|  |  | Non-Interest Rate Sensitive Equity |  |
| :--- | ---: | ---: | ---: |
|  | Account Name | Amount |  |
| Non-Interest Rate Sensitive Assets | $\$ 2,472$ |  |  |
| - Non-Interest Rate Sensitive | $\$ 2,677$ | Undivided Earnings | $\$ 0$ |
| - Non-Interest Rate Sensitive Equity | $\$ 0$ | Undivided Earnings - Year to Date | $\$ 0$ |
| Non-Interest Rate Sensitive Mismatch | $-\$ 205$ |  | Total |

## Example Credit Union Limited <br> Variable Rate (in \$000's) <br> As of Sep 30, 2006

| Variable Rate Assets |  |  |
| :--- | ---: | ---: |
| Account Name | Amount | Rate |
|  |  |  |
|  | $\$ 9$ | $2.00 \%$ |
| CIBC Wood Gundy | $\$ 2,141$ | $1.50 \%$ |
| CUCO Current Account | $\$ 56$ | $0.00 \%$ |
| CUCO US Account | $\$ 9,016$ | $9.05 \%$ |
| Personal Loans Variable | $\$ 2,886$ | $7.37 \%$ |
| Line of Credit Loans - PC | $\$ 5,388$ | $7.37 \%$ |
| Line of Credit-Combination | $\$ 1,235$ | $7.37 \%$ |
| Line Of Credit Loans-Business | $\$ 1,914$ | $7.15 \%$ |
| Mortgages Variable |  |  |
|  |  | $\$ 22,646$ |
|  |  | $7.45 \%$ |


| Variable Rate Liabilities |  |  |
| :--- | ---: | ---: |
| Account Name | Amount | Rate |
|  |  |  |
| CUCO Current Account - | $\$ 0$ | $0.00 \%$ |
| Business Account | $\$ 1,000$ | $2.50 \%$ |
| Plan 24 | $\$ 1,124$ | $0.50 \%$ |
| CAIS Deposits | $\$ 0$ | $0.00 \%$ |
| Money Maker | $\$ 92$ | $0.10 \%$ |
| Combination Account | $\$ 1,421$ | $0.10 \%$ |
| US Savings | $\$ 66$ | $0.00 \%$ |
| Var RRSP | $\$ 688$ | $0.50 \%$ |
| Var RRIF | $\$ 250$ | $0.50 \%$ |
|  |  |  |
|  |  | $\$ 4,642$ |


| Variable Rate Equities |  |  |
| :---: | :---: | :---: |
| Account Name | Amount | Rate |
|  |  |  |
|  |  |  |
|  | Total | $\$ 0$ |

# Example Credit Union Limited Fixed Rate by Maturity Date (in \$000's) <br> As of Sep 30, 2006 

| Fixed Accounts Detail - Including Derivatives |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Maturity Date | Assets |  | Liabilities |  | Mismatch |  |
|  |  | Amount | Rate | Amount | Rate | Amount | Rate |
| 1 | Oct-06 | \$2,574 | 5.04\% | \$10,004 | 3.42\% | -\$7,430 | 1.62\% |
| 2 | Nov-06 | \$870 | 5.70\% | \$1,834 | 1.98\% | -\$964 | 3.72\% |
| 3 | Dec-06 | \$1,170 | 6.49\% | \$1,319 | 2.02\% | -\$148 | 4.47\% |
| 4 | Jan-07 | \$936 | 4.96\% | \$1,424 | 1.99\% | -\$488 | 2.97\% |
| 5 | Feb-07 | \$2,231 | 4.14\% | \$1,699 | 2.40\% | \$532 | 1.74\% |
| 6 | Mar-07 | \$1,193 | 5.88\% | \$2,753 | 2.82\% | -\$1,561 | 3.06\% |
| 7 | Apr-07 | \$1,339 | 4.91\% | \$1,469 | 2.51\% | -\$130 | 2.39\% |
| 8 | May-07 | \$484 | 6.06\% | \$1,095 | 2.30\% | -\$611 | 3.76\% |
| 9 | Jun-07 | \$798 | 5.88\% | \$1,413 | 2.88\% | -\$614 | 3.00\% |
| 10 | Jul-07 | \$1,593 | 5.38\% | \$1,178 | 2.75\% | \$416 | 2.63\% |
| 11 | Aug-07 | \$867 | 6.02\% | \$2,162 | 1.87\% | -\$1,294 | 4.15\% |
| 12 | Sep-07 | \$762 | 6.27\% | \$2,020 | 2.45\% | -\$1,258 | 3.82\% |
| 13 | Oct-07 | \$432 | 5.58\% | \$1,128 | 1.67\% | -\$696 | 3.90\% |
| 14 | Nov-07 | \$713 | 6.16\% | \$703 | 2.37\% | \$10 | 3.79\% |
| 15 | Dec-07 | \$306 | 6.03\% | \$896 | 3.04\% | -\$590 | 3.00\% |
| 16 | Jan-08 | \$362 | 6.03\% | \$1,482 | 2.73\% | -\$1,119 | 3.30\% |
| 17 | Feb-08 | \$404 | 6.12\% | \$1,409 | 3.19\% | -\$1,005 | 2.93\% |
| 18 | Mar-08 | \$556 | 5.98\% | \$1,312 | 3.11\% | -\$757 | 2.87\% |
| 19 | Apr-08 | \$359 | 6.00\% | \$586 | 2.42\% | -\$228 | 3.57\% |
| 20 | May-08 | \$459 | 6.01\% | \$1,205 | 3.25\% | -\$746 | 2.76\% |
| 21 | Jun-08 | \$898 | 5.86\% | \$704 | 2.56\% | \$194 | 3.30\% |
| 22 | Jul-08 | \$599 | 5.76\% | \$449 | 1.48\% | \$150 | 4.28\% |
| 23 | Aug-08 | \$631 | 5.59\% | \$654 | 2.15\% | -\$22 | 3.43\% |
| 24 | Sep-08 | \$405 | 5.47\% | \$1,130 | 2.66\% | -\$725 | 2.81\% |
| 25 | Oct-08 | \$527 | 5.90\% | \$512 | 1.91\% | \$14 | 3.99\% |
| 26 | Nov-08 | \$811 | 5.67\% | \$635 | 2.61\% | \$176 | 3.07\% |
| 27 | Dec-08 | \$478 | 6.14\% | \$568 | 1.81\% | -\$90 | 4.33\% |
| 28 | Jan-09 | \$306 | 5.59\% | \$378 | 1.20\% | -\$71 | 4.39\% |
| 29 | Feb-09 | \$334 | 5.92\% | \$376 | 1.17\% | -\$41 | 4.75\% |
| 30 | Mar-09 | \$605 | 5.91\% | \$1,341 | 2.42\% | -\$736 | 3.49\% |
| 31 | Apr-09 | \$405 | 5.52\% | \$314 | 0.70\% | \$91 | 4.83\% |
| 32 | May-09 | \$720 | 5.78\% | \$516 | 1.93\% | \$204 | 3.85\% |
| 33 | Jun-09 | \$753 | 5.62\% | \$554 | 1.91\% | \$199 | 3.71\% |
| 34 | Jul-09 | \$426 | 6.35\% | \$464 | 1.67\% | -\$38 | 4.68\% |
| 35 | Aug-09 | \$926 | 5.90\% | \$290 | 0.61\% | \$636 | 5.29\% |
| 36 | Sep-09 | \$356 | 6.27\% | \$365 | 0.93\% | -\$9 | 5.34\% |
| 37 | Oct-09 | \$349 | 5.61\% | \$351 | 1.92\% | -\$3 | 3.69\% |
| 38 | Nov-09 | \$213 | 5.46\% | \$484 | 1.88\% | -\$271 | 3.58\% |
| 39 | Dec-09 | \$352 | 5.76\% | \$409 | 1.61\% | -\$57 | 4.14\% |
| 40 | Jan-10 | \$123 | 5.51\% | \$342 | 1.54\% | -\$219 | 3.97\% |
| 41 | Feb-10 | \$3,545 | 4.83\% | \$386 | 1.31\% | \$3,159 | 3.52\% |
| 42 | Mar-10 | \$316 | 5.93\% | \$572 | 2.06\% | -\$256 | 3.87\% |

# Example Credit Union Limited Fixed Rate by Maturity Date (in \$000's) <br> As of Sep 30, 2006 

| Fixed Accounts Detail - Including Derivatives |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Maturity Date | Assets |  | Liabilities |  | Mismatch |  |
|  |  | Amount | Rate | Amount | Rate | Amount | Rate |
| 43 | Apr-10 | \$325 | 5.75\% | \$310 | 0.69\% | \$15 | 5.06\% |
| 44 | May-10 | \$316 | 5.50\% | \$349 | 1.27\% | -\$33 | 4.23\% |
| 45 | Jun-10 | \$417 | 5.41\% | \$367 | 1.17\% | \$50 | 4.25\% |
| 46 | Jul-10 | \$596 | 5.42\% | \$282 | 0.56\% | \$314 | 4.86\% |
| 47 | Aug-10 | \$611 | 5.47\% | \$315 | 0.77\% | \$296 | 4.70\% |
| 48 | Sep-10 | \$464 | 5.61\% | \$354 | 0.91\% | \$110 | 4.71\% |
| 49 | Oct-10 | \$376 | 4.48\% | \$400 | 1.02\% | -\$24 | 3.45\% |
| 50 | Nov-10 | \$381 | 5.74\% | \$300 | 0.88\% | \$81 | 4.86\% |
| 51 | Dec-10 | \$457 | 5.68\% | \$1,206 | 3.26\% | -\$749 | 2.42\% |
| 52 | Jan-11 | \$290 | 5.70\% | \$296 | 0.83\% | -\$5 | 4.87\% |
| 53 | Feb-11 | \$270 | 3.06\% | \$291 | 0.85\% | -\$22 | 2.21\% |
| 54 | Mar-11 | \$487 | 5.49\% | \$397 | 1.25\% | \$90 | 4.24\% |
| 55 | Apr-11 | \$479 | 5.94\% | \$260 | 0.41\% | \$219 | 5.53\% |
| 56 | May-11 | \$325 | 5.73\% | \$291 | 0.96\% | \$34 | 4.76\% |
| 57 | Jun-11 | \$645 | 5.89\% | \$361 | 1.05\% | \$284 | 4.84\% |
| 58 | Jul-11 | \$380 | 6.09\% | \$257 | 0.39\% | \$123 | 5.69\% |
| 59 | Aug-11 | \$561 | 6.02\% | \$265 | 0.43\% | \$296 | 5.59\% |
| 60 | Sep-11 | \$210 | 6.25\% | \$2,691 | 0.17\% | -\$2,481 | 6.07\% |
| Total |  | \$40,078 | 5.52\% | \$57,876 | 2.31\% | -\$17,798 | 3.21\% |

# Example Credit Union Limited Summary of Fixed Rate by Maturity Date (in \$000's) As of Sep 30, 2006 

Fixed Accounts Summary - Including Derivatives

| Period | Assets |  | Liabilities |  | Mismatch |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Amount | Rate | Amount | Rate | Amount | Rate |
| Up to 1 year | $\$ 14,819$ | $5.34 \%$ | $\$ 28,369$ | $2.74 \%$ | $-\$ 13,550$ | $2.60 \%$ |
| 2 Years | $\$ 6,124$ | $5.88 \%$ | $\$ 11,659$ | $2.67 \%$ | $-\$ 5,535$ | $3.21 \%$ |
| 3 Years | $\$ 6,648$ | $5.86 \%$ | $\$ 6,312$ | $1.80 \%$ | $\$ 336$ | $4.06 \%$ |
| 4 Years | $\$ 7,627$ | $5.23 \%$ | $\$ 4,521$ | $1.39 \%$ | $\$ 3,106$ | $3.84 \%$ |
| 5 Years | $\$ 4,860$ | $5.58 \%$ | $\$ 7,015$ | $1.00 \%$ | $-\$ 2,155$ | $4.58 \%$ |
| 6 to 10 years | $\$ 0$ | $0.00 \%$ | $\$ 0$ | $0.00 \%$ | $\$ 0$ | $0.00 \%$ |
| Over 10 Years | $\$ 0$ | $0.00 \%$ | $\$ 0$ | $0.00 \%$ | $\$ 0$ | $0.00 \%$ |
| Total | $\$ 40,078$ | $5.52 \%$ | $\$ 57,876$ | $2.31 \%$ | $-\$ 17,798$ | $3.21 \%$ |

# Example Credit Union Limited <br> Fixed Rate Summary by Account Group (in \$000's) <br> As of Sep 30, 2006 

| Account Group | Oct-06 <br> Month 1 |  | Nov-06 <br> Month 2 |  | Dec-06 <br> Month 3 |  | Jan-07 <br> Month 4 |  | Feb-07 <br> Month 5 |  | Mar-07 <br> Month 6 |  | Apr-07 <br> Month 7 |  | May-07 <br> Month 8 |  | Jun-07 <br> Month 9 |  | Jul-07 <br> Month 10 |  | Aug-07 <br> Month 11 |  | Sep-07 <br> Month 12 |  | Total Year 1 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate |
| Fixed Rate Assets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash and Short Term | \$1,126 | 3.87\% | \$0 | 0.00\% | \$0 | 0.00\% | \$467 | 3.81\% | \$1,233 | 3.91\% | \$0 | 0.00\% | \$802 | 4.08\% | \$0 | 0.00\% | \$0 | 0.00\% | \$687 | 4.21\% | \$0 | 0.00\% | \$0 | 0.00\% | \$4,314 | 3.97\% |
| Long Term Investments (Over | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$383 | 1.93\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$383 | 1.93\% |
| Other Non-Mortgage Loans | \$124 | 7.74\% | \$102 | 7.91\% | \$97 | 7.85\% | 94 | 7.84\% | \$91 | 7.84\% | \$88 | 7.78\% | \$86 | 7.78\% | \$83 | 7.75\% | \$80 | 7.74\% | \$74 | 7.78\% | \$72 | 7.74\% | \$70 | 7.72\% | \$1,060 | 7.79\% |
| Residential Mortgage Loans | \$1,324 | 5.78\% | \$768 | 5.40\% | \$1,074 | 6.37\% | \$375 | 5.68\% | \$524 | 5.65\% | \$1,104 | 5.73\% | \$452 | 5.83\% | \$401 | 5.71\% | \$719 | 5.68\% | \$833 | 6.13\% | \$796 | 5.86\% | \$693 | 6.12\% | \$9,062 | 5.86\% |
| Core Assets | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% |
| Derivatives Receiving | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% |
| Total Fixed Rate Assets | \$2,574 | 5.04\% | \$870 | 5.70\% | \$1,170 | 6.49\% | \$936 | 4.96\% | \$2,231 | 4.14\% | \$1,193 | 5.88\% | \$1,339 | 4.91\% | \$484 | 6.06\% | \$798 | 5.88\% | \$1,593 | 5.38\% | \$867 | 6.02\% | \$762 | 6.27\% | \$14,819 | 5.34\% |


| Fixed Rate Liabilities \& Equities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Borrowings | \$6,100 | 4.65\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$6,100 | 4.65\% |
| Term deposits | \$2,091 | 1.45\% | \$980 | 2.37\% | \$607 | 2.52\% | \$619 | 2.62\% | \$740 | 2.98\% | \$1,054 | 2.93\% | \$676 | 2.97\% | \$486 | 3.21\% | \$587 | 3.73\% | \$550 | 3.66\% | \$1,493 | 1.91\% | \$1,016 | 2.71\% | \$10,899 | 2.49\% |
| Registered Plans/Funds | \$860 | 2.28\% | \$520 | 2.38\% | \$315 | 2.53\% | \$471 | 2.44\% | \$624 | 2.88\% | \$1,365 | 3.38\% | \$458 | 3.51\% | \$275 | 3.25\% | \$492 | 3.69\% | \$293 | 3.94\% | \$334 | 3.35\% | \$671 | 3.18\% | \$6,677 | 3.04\% |
| Core Liabilities | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$334 | 0.21\% | \$4,011 | 0.21\% |
| Membership Share Capital | \$619 | 1.25\% | \$0 | 0.00\% | \$63 | 4.25\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$682 | 1.53\% |
| Core Equity | \$0 | 0.00\% | \$0 | 0.0 | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% |
| Derivatives Paying | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% |
| Total Fixed Rate Liabilities \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Equities | \$10,004 | 3.42\% | \$1,834 | 1.98\% | \$1,319 | 2.02\% | \$1,424 | 1.99\% | \$1,699 | 2.40\% | \$2,753 | 2.82\% | \$1,469 | 2.51\% | \$1,095 | 2.30\% | \$1,413 | 2.88\% | \$1,178 | 2.75\% | \$2,162 | 1.87\% | \$2,020 | 2.45\% | \$28,369 | 2.74\% |


| Net Mismatch | -\$7,430 | -\$964 | -\$148 | -\$488 | \$532 | -\$1,561 | -\$130 | -\$611 | -\$614 | \$416 | -\$1,294 | -\$1,258 | -\$13,55 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cumulative Mismatch | -\$7,430 | -\$8,394 | -\$8,542 | -\$9,030 | -\$8,498 | -\$10,05 | -\$10,18 | -\$10,79 | -\$11,41 | -\$10,99 | -\$12,29 | -\$13,55 | -\$13,55 |

# Example redit Union Limited <br> Fixed Rate Summary by Account Group (in $\$ 000$ 's) <br> As of Sep 30, 2006 

| Account Group | Year 1 |  | Year 2 |  | Year 3 |  | Year 4 |  | Year 5 |  | Years 5 to 10 |  | Over 10 Years |  | Grand Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate | Amount | Rate |
| Fixed Rate Assets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash and Short Term | \$4,314 | 3.97\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$4,314 | 3.97\% |
| Long Term Investments (Over | \$383 | 1.93\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$383 | 1.93\% |
| Other Non-Mortgage Loans | \$1,060 | 7.79\% | \$665 | 7.66\% | \$359 | 7.72\% | \$97 | 7.49\% | \$7 | 8.72\% | \$0 | 0.00\% | \$0 | 0.00\% | \$2,188 | 7.73\% |
| Residential Mortgage Loans | \$9,062 | 5.86\% | \$5,459 | 5.66\% | \$6,288 | 5.75\% | \$7,530 | 5.20\% | \$4,853 | 5.58\% | \$0 | 0.00\% | \$0 | 0.00\% | \$33,192 | 5.61\% |
| Core Assets | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% |
| Derivatives Receiving | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% |
| Total Fixed Rate Assets | \$14,819 | 5.34\% | \$6,124 | 5.88\% | \$6,648 | 5.86\% | \$7,627 | 5.23\% | \$4,860 | 5.58\% | \$0 | 0.00\% | \$0 | 0.00\% | \$40,078 | 5.52\% |


| Fixed Rate Liabilities \& Equities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Borrowings | \$6,100 | 4.65\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$6,100 | 4.65\% |
| Term deposits | \$10,899 | 2.49\% | \$4,799 | 3.39\% | \$1,308 | 3.35\% | \$584 | 4.16\% | \$354 | 4.19\% | \$0 | 0.00\% | \$0 | 0.00\% | \$17,944 | 2.88\% |
| Registered Plans/Funds | \$6,677 | 3.04\% | \$3,792 | 3.68\% | \$1,940 | 3.16\% | \$877 | 3.40\% | \$492 | 2.99\% | \$0 | 0.00\% | \$0 | 0.00\% | \$13,779 | 3.25\% |
| Core Liabilities | \$4,011 | 0.21\% | \$3,009 | 0.21\% | \$3,009 | 0.21\% | \$3,009 | 0.21\% | \$3,009 | 0.21\% | \$0 | 0.00\% | \$0 | 0.00\% | \$16,045 | 0.21\% |
| Membership Share Capital | \$682 | 1.53\% | \$59 | 4.25\% | \$55 | 4.25\% | \$52 | 4.25\% | \$816 | 4.25\% | \$0 | 0.00\% | \$0 | 0.00\% | \$1,664 | 3.13\% |
| Core Equity | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$2,345 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$2,345 | 0.00\% |
| Derivatives Paying | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$0 | 0.00\% |
| Total Fixed Rate Liabilities \& |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Equities | \$28,369 | 2.74\% | \$11,659 | 2.67\% | \$6,312 | 1.80\% | \$4,521 | 1.39\% | \$7,015 | 1.00\% | \$0 | 0.00\% | \$0 | 0.00\% | \$57,876 | 2.31\% |


| Net Mismatch | $-\$ 13,55$ | $-\$ 5,535$ | $\$ 336$ | $\$ 3,106$ | $-\$ 2,155$ | \$0 <br> Cumulative Mismatch | $-\$ 13,55$ | $-\$ 19,08$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | ---: | ---: |

## Example Credit Union Limited <br> Balance Sheet Mix (in \$000's) <br> As of Sep 30, 2006

Excluding Swaps

| Assets |  |  |  |
| :--- | ---: | ---: | ---: |
| Account Group | Amount | Rate | $\%$ of Total |
|  |  |  |  |
| Cash and Short Term Investments | $\$ 7,502$ | $2.71 \%$ | $12 \%$ |
| Long Term Investments (Over 1 Year) | $\$ 383$ | $1.93 \%$ | $1 \%$ |
| Personal Non-Mortgage Loans | $\$ 17,291$ | $8.25 \%$ | $27 \%$ |
| Other Non-Mortgage Loans | $\$ 3,423$ | $7.60 \%$ | $5 \%$ |
| Residential Mortgage Loans | $\$ 35,173$ | $5.69 \%$ | $54 \%$ |
| Other Assets | $\$ 1,423$ | $0.00 \%$ | $2 \%$ |
| Core Assets | $\$ 0$ | $0.00 \%$ | $0 \%$ |
|  |  |  |  |
|  |  | $\$ 65,195$ | $5.98 \%$ |


| Liabilities \& Equity |  |  |  |
| :--- | ---: | ---: | ---: |
| Account Group | Amount | Rate | $\%$ of Total |
|  |  |  |  |
| Borrowings | $\$ 6,100$ | $4.65 \%$ | $9 \%$ |
| Demand and Other Deposits | $\$ 5,952$ | $0.54 \%$ | $9 \%$ |
| Term deposits | $\$ 17,944$ | $2.88 \%$ | $28 \%$ |
| Registered Plans/Funds | $\$ 14,717$ | $3.08 \%$ | $23 \%$ |
| Accounts Payable and Other Liabilities | $\$ 428$ | $0.00 \%$ | $1 \%$ |
| Core Liabilities | $\$ 16,045$ | $0.21 \%$ | $25 \%$ |
| Membership Share Capital | $\$ 1,664$ | $3.13 \%$ | $3 \%$ |
| Reserves (Surplus as of the Prior Year | $\$ 0$ | $0.00 \%$ | $0 \%$ |
| Core Equity | $\$ 2,345$ | $0.00 \%$ | $4 \%$ |
|  |  |  |  |
| Total Liabilities \& Equity | $\$ 65,195$ | $2.10 \%$ | $100 \%$ |

## Example Credit Union Limited <br> Balance Sheet Mix (in \$000's) <br> As of Sep 30, 2006

Including Swaps

| Assets |  |  |  |
| :--- | ---: | ---: | ---: |
| Account Group | Amount | Rate | \% of Total |
|  |  |  |  |
| Cash and Short Term Investments | $\$ 7,502$ | $2.71 \%$ | $12 \%$ |
| Long Term Investments (Over 1 Year) | $\$ 383$ | $1.93 \%$ | $1 \%$ |
| Personal Non-Mortgage Loans | $\$ 17,291$ | $8.25 \%$ | $27 \%$ |
| Other Non-Mortgage Loans | $\$ 3,423$ | $7.60 \%$ | $5 \%$ |
| Residential Mortgage Loans | $\$ 35,173$ | $5.69 \%$ | $54 \%$ |
| Other Assets | $\$ 1,423$ | $0.00 \%$ | $2 \%$ |
| Core Assets | $\$ 0$ | $0.00 \%$ | $0 \%$ |
| Derivatives Receiving | $\$ 0$ | $0.00 \%$ | $0 \%$ |
|  |  |  |  |
|  |  | $\$ 65,195$ | $5.98 \%$ |
|  |  |  | $100 \%$ |


| Liabilities \& Equity |  |  |  |
| :--- | ---: | ---: | ---: |
| Account Group | Amount | Rate | $\%$ of Total |
|  |  |  |  |
| Borrowings | $\$ 6,100$ | $4.65 \%$ | $9 \%$ |
| Demand and Other Deposits | $\$ 5,952$ | $0.54 \%$ | $9 \%$ |
| Term deposits | $\$ 17,944$ | $2.88 \%$ | $28 \%$ |
| Registered Plans/Funds | $\$ 14,717$ | $3.08 \%$ | $23 \%$ |
| Accounts Payable and Other Liabilities | $\$ 428$ | $0.00 \%$ | $1 \%$ |
| Core Liabilities | $\$ 16,045$ | $0.21 \%$ | $25 \%$ |
| Membership Share Capital | $\$ 1,664$ | $3.13 \%$ | $3 \%$ |
| Reserves (Surplus as of the Prior Year | $\$ 0$ | $0.00 \%$ | $0 \%$ |
| Core Equity | $\$ 2,345$ | $0.00 \%$ | $4 \%$ |
| Derivatives Paying | $\$ 0$ | $0.00 \%$ | $0 \%$ |
|  |  |  |  |
| Total Liabilities \& Equity | $\$ 65,195$ | $2.10 \%$ | $100 \%$ |

## Example Credit Union Limited Rate Type Mix (in \$000's) <br> As of Sep 30, 2006

Excluding Swaps

| Assets |  |  |  | Liabilities \& Equity |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Type | Amount | Rate | \% of Total | Rate Type |  | Amount | Rate | \% of Total |
| Fixed Rate | \$40,078 | 5.52\% | 61\% | Fixed Rate |  | \$57,876 | 2.31\% | 89\% |
| Variable Rate | \$22,646 | 7.45\% | 35\% | Variable Rate |  | \$4,642 | 0.79\% | 7\% |
| Non-Interest Rate Sensitive | \$2,472 |  | 4\% | Non-Interest Rate Sensitive |  | \$2,677 |  | 4\% |
| Total | \$65,195 | 5.98\% | 100\% |  | Total | \$65,195 | 2.10\% | 100\% |

Including Swaps

| Assets |  |  |  | Liabilities \& Equity |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rate Type | Amount | Rate | \% of Total | Rate Type |  | Amount | Rate | \% of Total |
| Fixed Rate | \$40,078 | 5.52\% | 61\% | Fixed Rate |  | \$57,876 | 2.31\% | 89\% |
| Variable Rate | \$22,646 | 7.45\% | 35\% | Variable Rate |  | \$4,642 | 0.79\% | 7\% |
| Non-Interest Rate Sensitive | \$2,472 |  | 4\% | Non-Interest Rate Sensitive |  | \$2,677 |  | 4\% |
| Total | \$65,195 | 5.98\% | 100\% | Total |  | \$65,195 | 2.10\% | 100\% |

## Example Credit Union Limited <br> Graph Rate Shocks <br> As of Sep 30, 2006



## Example Credit Union Limited <br> Graph Asset Mix <br> As of Sep 30, 2006



## Example Credit Union Limited <br> Graph Liability Mix <br> As of Sep 30, 2006



## Example Credit Union Limited

Graph Rate Type Mix (in \$000's) As of Sep 30, 2006


## Example Credit Union Limited

Graph Asset/Liability Matching (in \$000's) As of Sep 30, 2006


## Example Credit Union Limited

Graph Asset/Liability Mismatches (in \$000's) As of Sep 30, 2006


## Example Credit Union

Canadian Asset/Liability Management System

2. Interest Rate Risk Analyses
a) Earnings at Risk (EAR)
b) Economic Value at Risk (EVR)

BiLd Solutions Inc.

# Example Credit Union Limited Executive Summary (in \$000's) <br> As of Sep 30, 2006 

|  | This Period | Last Period | Difference |
| :--- | ---: | ---: | ---: |
| Analysis Date | Sep-06 | Mar-06 | 183 Days |
| Earnings at Risk (EAR) |  |  |  |
| Exposure Direction |  |  |  |
| Shock Amount | Falling Rates | Falling Rates | Same Direction |
| EAR Dollar Amount | 100.0 bps | 100.0 bps | 0.0 bps |
| EAR in Basis Points | $\$ 133.2$ | $\$ 117.8$ | $\$ 15.5$ |
|  | 20.4 bps | 19.2 bps | 1.2 bps |
| Economic Value at Risk (EVR) |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |
| EVR Dollar Amount | $\$ 60.3$ | $\$ 83.0$ | $-\$ 22.7$ |
| EVR in Basis Points | 9.2 bps | 13.5 bps | -4.3 bps |
| Price Value of a Basis Point | $\$ 594$ | $\$ 815$ | $-\$ 221$ |
|  |  |  |  |
| Financial Performance |  |  |  |
| Net Interest Income | $\$ 2,525$ | $\$ 2,451$ | $\$ 74$ |
| Financial Margin | $3.87 \%$ | $4.00 \%$ | -13 bps |
| Economic Value | $\$ 3,235$ | $\$ 3,148$ | $\$ 87$ |
| Accounting Book Value | $\$ 4,009$ | $\$ 3,818$ | $\$ 191$ |
| Total Assets | $\$ 65,195$ | $\$ 61,237$ | $\$ 3,958$ |
| Liquidity Ratio | $12.4 \%$ | $8.8 \%$ | 355 bps |
| Capital Ratio | $6.15 \%$ | $6.23 \%$ | -9 bps |

# Example Credit Union Limited Interest Rate Risk Summary (in \$000's) As of Sep 30, 2006 

| Earnings at Risk (EAR) Exposure |  |
| :--- | :---: |
| Shock Start Date | 30-Sep-06 |
| Exposed To | Falling Rates |
| Exposure Amount (Basis Points) | 20.4 bpts |
| Exposure Amount (Dollars) | $\$ 133.2$ |
| Rate Shock (Basis Points) | 100 bpts |
| Board Limit | 15 |
| Over Board Limit? | Yes |
| Regulatory Limit | 15 |
| Over Regulatory Limit? | Yes |

## Economic Value at Risk (EVR) Exposure

| Exposed To | Falling Rates |
| :--- | :---: |
| Exposure Amount (Basis Points) | 9.2 bpts |
| Exposure Amount (Dollars) | $\$ 60.3$ |
| Board Limit | Not Applicable |
| Over Board Limit? | Not Applicable |

# Example Credit Union Limited Interest Rate Sensitivity <br> As of Sep 30, 2006 

| Upwards Rate Shock | 1.00 \% |
| :--- | :--- |
| Downwards Rate Shock | $1.00 \%$ |


| Term | Term (Days) | Current Rate (semi-annual) | Shocked Rates |  | Interest Sensitivity (per \$ million) |  | PVBP* (per \$ million) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Up | Down | Up | Down |  |
| Variable | 2 | 4.295 \% | 5.295 \% | 3.295 \% | -\$ 53.50 | \$ 53.76 | -\$ 0.54 |
| 1 Month | 30 | 4.363 \% | 5.363 \% | 3.363 \% | -\$ 799.25 | \$ 803.81 | -\$ 8.02 |
| 2 Months | 61 | 4.370 \% | 5.370 \% | 3.370 \% | -\$ 1,618.45 | \$ 1,629.05 | -\$ 16.24 |
| 3 Months | 91 | 4.371 \% | 5.371 \% | 3.371 \% | -\$ 2,404.86 | \$ 2,422.56 | -\$ 24.14 |
| 6 Months | 181 | 4.313 \% | 5.313 \% | 3.313 \% | -\$ 4,729.54 | \$ 4,775.88 | -\$ 47.52 |
| 1 Year | 365 | 4.210 \% | 5.210 \% | 3.210 \% | -\$ 9,325.62 | \$ 9,463.63 | -\$ 93.93 |
| 2 Years | 731 | 4.118 \% | 5.118 \% | 3.118 \% | -\$ 17,865.30 | \$ 18,308.83 | -\$ 180.83 |
| 3 Years | 1096 | 4.114 \% | $5.114 \%$ | $3.114 \%$ | -\$ 25,594.40 | \$ 26,488.10 | -\$ 260.31 |
| 4 Years | 1461 | 4.141 \% | $5.141 \%$ | 3.141 \% | -\$ 32,559.82 | \$ 34,028.36 | -\$ 332.75 |
| 5 Years | 1826 | 4.179 \% | 5.179 \% | 3.179 \% | -\$ 38,790.74 | \$ 40,939.04 | -\$ 398.33 |
| 6 Years | 2192 | 4.229 \% | 5.229 \% | 3.229 \% | -\$ 44,317.04 | \$ 47,232.34 | -\$ 457.27 |
| 7 Years | 2557 | 4.280 \% | 5.280 \% | 3.280 \% | -\$ 49,156.27 | \$ 52,904.55 | -\$ 509.63 |
| 8 Years | 2922 | $4.330 \%$ | 5.330 \% | $3.330 \%$ | -\$ 53,362.41 | \$ 57,995.31 | -\$ 555.88 |
| 9 Years | 3287 | 4.381 \% | 5.381 \% | 3.381 \% | -\$ 56,964.56 | \$ 62,517.76 | -\$ 596.23 |
| 10 Years | 3653 | 4.433 \% | 5.433 \% | 3.433 \% | -\$ 60,003.18 | \$ 66,500.27 | -\$ 631.03 |
| 15 Years | 5479 | 4.501 \% | 5.501 \% | 3.501 \% | -\$ 69,841.49 | \$ 81,282.77 | -\$ 752.07 |
| 20 Years | 7305 | 4.581 \% | $5.581 \%$ | $3.581 \%$ | -\$ 71,624.52 | \$ 87,531.45 | -\$ 789.55 |
| 25 Years | 9131 | 4.674 \% | 5.674 \% | 3.674 \% | -\$ 68,131.16 | \$ 87,426.55 | -\$ 768.67 |
| 30 Years | 10958 | 4.781 \% | 5.781 \% | 3.781 \% | -\$ 61,393.80 | \$ 82,718.18 | -\$ 708.77 |

[^3]
# Example Credit Union Limited Interest Rate Sensitivity by Term (in \$000's) As of Sep 30, 2006 

| Maturity Date | Cashflows Mismatch | Present Value | Sensitivity to Shock Up(100 BPts) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Assets | Liabilities | Net | Cumulative |
| NIS | -\$205.47 | -\$205.47 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Variable | \$18,012.96 | \$18,008.77 | -\$1.21 | \$0.25 | -\$0.96 | -\$0.96 |
| 1-12 | -\$12,303.58 | -\$12,154.77 | -\$69.20 | \$103.04 | \$33.84 | \$32.88 |
| 1-2 Years | -\$4,684.29 | -\$4,418.21 | -\$101.72 | \$162.59 | \$60.87 | \$93.75 |
| 2-3 Years | \$983.85 | \$882.85 | -\$164.33 | \$141.71 | -\$22.62 | \$71.13 |
| 3-4 Years | \$3,443.80 | \$2,988.40 | -\$235.61 | \$135.92 | -\$99.69 | -\$28.56 |
| 4-5 Years | -\$2,285.81 | -\$1,866.96 | -\$179.29 | \$266.47 | \$87.18 | \$58.62 |
| 5-10 Years | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$58.62 |
| 10+ Years | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$58.62 |
| Total | \$2,961.46 | \$3,234.61 | -\$751.36 | \$809.99 | \$58.62 | \$58.62 |


| Maturity Date | Cashflows Mismatch | Present Value | Sensitivity to Shock Down(100 BPts) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Assets | Liabilities | Net | Cumulative |
| NIS | -\$205.47 | -\$205.47 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Variable | \$18,012.96 | \$18,008.77 | \$1.22 | -\$0.25 | \$0.97 | \$0.97 |
| 1-12 | -\$12,303.58 | -\$12,154.77 | \$69.97 | -\$104.22 | -\$34.25 | -\$33.28 |
| 1-2 Years | -\$4,684.29 | -\$4,418.21 | \$103.81 | -\$165.86 | -\$62.05 | -\$95.33 |
| 2-3 Years | \$983.85 | \$882.85 | \$169.30 | -\$145.95 | \$23.34 | -\$71.99 |
| 3-4 Years | \$3,443.80 | \$2,988.40 | \$245.04 | -\$141.39 | \$103.65 | \$31.66 |
| 4-5 Years | -\$2,285.81 | -\$1,866.96 | \$188.33 | -\$280.26 | -\$91.94 | -\$60.27 |
| 5-10 Years | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | -\$60.27 |
| 10+ Years | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | -\$60.27 |
| Total | \$2,961.46 | \$3,234.61 | \$777.66 | -\$837.93 | -\$60.27 | -\$60.27 |


| Maturity Date | Cashflows Mismatch | Present Value | PVBP Sensitivity(in Dollars) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Assets | Liabilities | Net | Cumulative |
| NIS | -\$205.47 | -\$205.47 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Variable | \$18,012.96 | \$18,008.77 | -\$12.15 | \$2.49 | -\$9.66 | -\$9.66 |
| 1-12 | -\$12,303.58 | -\$12,154.77 | -\$695.80 | \$1,036.22 | \$340.42 | \$330.76 |
| 1-2 Years | -\$4,684.29 | -\$4,418.21 | -\$1,027.46 | \$1,641.96 | \$614.49 | \$945.26 |
| 2-3 Years | \$983.85 | \$882.85 | -\$1,667.58 | \$1,437.87 | -\$229.71 | \$715.54 |
| 3-4 Years | \$3,443.80 | \$2,988.40 | -\$2,402.10 | \$1,385.88 | -\$1,016.22 | -\$300.68 |
| 4-5 Years | -\$2,285.81 | -\$1,866.96 | -\$1,836.79 | \$2,731.69 | \$894.90 | \$594.22 |
| 5-10 Years | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$594.22 |
| 10+ Years | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$594.22 |
| Total | \$2,961.46 | \$3,234.61 | -\$7,641.88 | \$8,236.10 | \$594.22 | \$594.22 |


| Plus PV Equity | $\$ 2,524.72$ |
| ---: | ---: |
| Economic Value | $\$ 5,759.33$ |

## Example Credit Union Limited

## Interest Rate Sensitivity by Product (in \$000's)

As of Sep 30, 2006

| Asset Account | Cashflow Amount | Present Value | PVBP <br> (in Dollars) |
| :---: | :---: | :---: | :---: |
| Fixed Rate Accounts |  |  |  |
| Liquidity Deposits | \$ 4,379.65 | \$ 4,309.82 | -\$ 159 |
| Central Shares | \$ 372.82 | \$ 366.84 | -\$ 14 |
| Concentra Shares | \$ 13.73 | \$ 13.51 | -\$ 0 |
| Personal Loans Fixed | \$ 2,401.66 | \$ 2,287.03 | -\$ 262 |
| Mortgages - Fixed Rate | \$ 31,854.33 | \$ 29,210.01 | -\$ 5,908 |
| Concentra Mortgage Pool | \$ 5,594.60 | \$ 5,022.29 | -\$ 1,287 |
| Total Fixed Rate | \$ 44,616.79 | \$ 41,209.49 | -\$ 7,630 |
| Variable Rate Accounts |  |  |  |
| CIBC Wood Gundy | \$ 9.34 | \$ 9.34 | -\$ 0 |
| CUCO Current Account | \$ 2,140.78 | \$ 2,140.29 | -\$ 1 |
| CUCO US Account | \$ 55.61 | \$ 55.60 | -\$ 0 |
| Personal Loans Variable | \$ 9,020.92 | \$ 9,018.82 | -\$ 5 |
| Line of Credit Loans - PC | \$ 2,887.33 | \$ 2,886.66 | -\$ 2 |
| Line of Credit-Combination | \$ 5,390.44 | \$ 5,389.19 | -\$ 3 |
| Line Of Credit Loans-Business | \$ 1,235.39 | \$ 1,235.10 | -\$ 1 |
| Mortgages Variable | \$ 1,914.96 | \$ 1,914.51 | -\$ 1 |
| Total Variable Rate | \$ 22,654.78 | \$ 22,649.51 | -\$ 12 |
| Non-Interest Rate Sensitive |  |  |  |
| Cash | \$ 982.39 | \$ 982.39 | \$ 0 |
| Con Mtge Pool Invest Premium | \$ 66.17 | \$ 66.17 | \$ 0 |
| Suspense and Other Assets | -\$ 917.47 | -\$ 917.47 | \$ 0 |
| Accrued Interest Receivable-Loans | \$ 69.74 | \$ 69.74 | \$ 0 |
| Accrued Interest - Liquidity Deposit | \$ 80.99 | \$ 80.99 | \$ 0 |


| Liabilities \& Equity Account | Cashflow Amount | Present Value | PVBP <br> (in Dollars) |
| :---: | :---: | :---: | :---: |
| Fixed Rate Accounts |  |  |  |
| CUCO Term Loan | \$ 6,111.66 | \$ 6,100.91 | \$ 25 |
| Term Deposits | \$ 17,758.08 | \$ 17,042.46 | \$ 1,631 |
| Term Deposit Index Linked | \$ 826.56 | \$ 771.02 | \$ 126 |
| Index Linked RRSP | \$ 3,736.00 | \$ 3,429.77 | \$ 691 |
| Fixed RRSP | \$ 7,338.84 | \$ 6,987.14 | \$ 801 |
| Fixed RRIF | \$ 3,342.35 | \$ 3,209.59 | \$ 302 |
| Core Deposits | \$ 16,126.70 | \$ 14,631.17 | \$ 3,332 |
| Ownership Shares | \$ 619.30 | \$ 618.21 | \$ 2 |
| RRSP Investment Shares | \$ 737.01 | \$ 633.28 | \$ 227 |
| Term Investment Shares | \$ 521.55 | \$ 448.14 | \$ 161 |
| Core Equities | \$ 2,344.78 | \$ 1,906.50 | \$ 934 |
| Total Fixed Rate | \$ 59,462.82 | \$ 55,778.18 | \$8,234 |
| Variable Rate Accounts |  |  |  |
| Business Account | \$ 1,000.14 | \$ 999.90 | \$ 1 |
| Plan 24 | \$ 1,124.36 | \$ 1,124.10 | \$ 1 |
| Money Maker | \$ 91.92 | \$ 91.89 | \$ 0 |
| Combination Account | \$ 1,421.32 | \$ 1,420.99 | \$ 1 |
| US Savings | \$ 65.62 | \$ 65.61 | \$ 0 |
| Var RRSP | \$ 688.22 | \$ 688.06 | \$ 0 |
| Var RRIF | \$ 250.23 | \$ 250.18 | \$ 0 |
| Total Variable Rate | \$ 4,641.82 | \$ 4,640.74 | \$ 2 |
| Non-Interest Rate Sensitive |  |  |  |
|  |  | Novem | Page 1 of 2 <br> ber 09, 2006 |

## Example Credit Union Limited <br> Interest Rate Sensitivity by Product (in \$000's) As of Sep 30, 2006

| Asset Account | Cashflow Amount | Present Value | PVBP <br> (in Dollars) |
| :---: | :---: | :---: | :---: |
| PrePaid Expense | \$ 496.79 | \$ 496.79 | \$ 0 |
| Provision for Loan Losses | -\$ 188.19 | -\$ 188.19 | \$ 0 |
| Net Fixed Assets | \$ 1,881.33 | \$ 1,881.33 | \$ 0 |
| Total Non-Interest Rate | \$ 2,471.74 | \$ 2,471.74 | \$ 0 |
| Grand Total Assets | \$ 69,743.31 | \$ 66,330.74 | -\$7,642 |


| Liabilities \& Equity Account | Cashflow <br> Amount | Present <br> Value | PVBP <br> (in Dollars) |
| :--- | ---: | ---: | ---: |
| Chequing | $\$ 1,319.92$ | $\$ 1,319.92$ | $\$ 0$ |
| Business Account - noninterest | $\$ 886.99$ | $\$ 886.99$ | $\$ 0$ |
| Income Tax Accrual | $\$ 5.02$ | $\$ 5.02$ | $\$ 0$ |
| Payables - Various | $\$ 135.71$ | $\$ 135.71$ | $\$ 0$ |
| Accrued Interest Payable | $\$ 279.69$ | $\$ 279.69$ | $\$ 0$ |
| Concentra Mortgage Contra | $\$ 7.75$ | $\$ 7.75$ | $\$ 0$ |
| Total Non-Interest Rate | $\$ 2,677.21$ | $\$ 2,677.21$ | $\$ 0$ |
| Grand Total Liabilities \& Equities |  |  |  |


| Net Assets less Liabilities | $\$ 2,961.46$ | $\$ 3,234.61$ | Economic Value |
| ---: | ---: | ---: | ---: |
| PV Equity Component |  | Total PVBP |  |
| Economic Value |  | $\$ 2,524.72$ |  |

# Example Credit Union Limited Economic Value Calculation (in \$000's) <br> As of Sep 30, 2006 

| Maturity Date | Cashflow Amount |  |  | Present Value |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Assets | Liabilities | Mismatch | Assets | Liabilities | Net PV |
| NIS | \$2,471.74 | \$2,677.21 | -\$205.47 | \$2,471.74 | \$2,677.21 | -\$205.47 |
| Variable | \$22,654.78 | \$4,641.82 | \$18,012.96 | \$22,649.51 | \$4,640.74 | \$18,008.77 |
| 1-3 Months | \$5,102.05 | \$12,684.40 | -\$7,582.36 | \$5,079.72 | \$12,643.51 | -\$7,563.78 |
| 3-6 Months | \$4,827.32 | \$6,020.76 | -\$1,193.44 | \$4,749.24 | \$5,918.42 | -\$1,169.18 |
| 6-12 Months | \$6,670.38 | \$9,578.86 | -\$2,908.48 | \$6,465.45 | \$9,269.04 | -\$2,803.59 |
| 1-2 Years | \$7,371.40 | \$12,055.69 | -\$4,684.29 | \$6,926.31 | \$11,344.52 | -\$4,418.21 |
| 2-3 Years | \$7,524.88 | \$6,541.03 | \$983.85 | \$6,794.18 | \$5,911.33 | \$882.85 |
| 3-4 Years | \$8,107.59 | \$4,663.79 | \$3,443.80 | \$7,030.38 | \$4,041.98 | \$2,988.40 |
| 4-5 Years | \$5,013.17 | \$4,954.20 | \$58.97 | \$4,164.21 | \$4,124.67 | \$39.54 |
| 5-10 Years | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| 10+ Years | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
|  |  |  |  |  |  | Economic Value |
| Total | \$69,743.31 | \$63,817.76 | \$5,925.55 | \$66,330.74 | \$60,571.41 | \$5,759.33 |
|  |  |  |  |  | Book Value | \$1,044.96 |
|  |  |  |  | Economic Val | e over Book | \$4,714.37 |

## Example Credit Union Limited

## Swap Hedge Analysis (in \$000's)

As of Sep 30, 2006

|  |  |  |  |  | in \$000,000's |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Maturity Date | Cashflow Mismatch | PVBP Sensitivity (in Dollars) | PVBP Sensitivity to Total Assets* | Swap Term | PVBP <br> Interest Rate Swap | Fixed Swap Rates | Perfect Swap Hedge** | Single Swap Hedge** |
| NIS | -\$ 205.47 | \$ 0 | 0.0 BPts |  |  |  |  |  |
| Variable | \$ 18,012.96 | -\$ 10 | -0.1 BPts |  |  |  |  |  |
| 1-12 Months | -\$ 12,303.58 | \$ 340 | 5.2BPts | 1 Year | -\$ 88 | 4.21 \% | -\$ 3.8 | -\$ 6.8 |
| 1-2 Years | -\$ 4,684.29 | \$ 614 | 9.4 BPts | 2 Year | -\$ 180 | 4.12 \% | -\$ 3.4 | -\$ 3.3 |
| 2-3 Years | \$ 983.85 | -\$ 230 | -3.5 BPts | 3 Year | -\$ 269 | 4.11 \% | \$ 0.9 | -\$ 2.2 |
| 3-4 Years | \$ 3,443.80 | -\$ 1,016 | -15.6BPts | 4 Year | -\$ 354 | 4.14 \% | \$ 2.9 | -\$ 1.7 |
| 4-5 Years | -\$ 2,285.81 | \$ 895 | 13.7BPts | 5 Year | -\$ 435 | 4.18 \% | -\$ 2.1 | -\$ 1.4 |
| Total | \$ 2,961.46 | \$ 594 | 9.1 BPts |  |  |  |  |  |

$\left.\begin{array}{|c|c|}\hline \begin{array}{c}\text { Floating Term } \\ \text { (Months) }\end{array} & \text { Floating Swap } \\ \text { Rate }\end{array}\right]$

* Multiplied by 100 to approximate a $1 \%$ rate shock.
** Negative amounts mean - Receive the Fixed on an interest rate swap. Positive amounts mean - Pay the Fixed.


# Example Credit Union Limited Interest Rate Swaps List (in \$000's) <br> As of Sep 30, 2006 

| Interest Rate Swaps |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Account Name | Maturity Date | Amount | Rate |  |
|  |  |  |  |  |
| null |  |  |  |  |

## Example Credit Union Limited

 Graph Price Value of a Basis Point Interest Sensitivity for a $\$ 1$ million CashflowAs of Sep 30, 2006


## Example Credit Union Limited <br> Graph Rate Shocks <br> As of Sep 30, 2006



## Example Credit Union Limited <br> Graph Economic Value Sensitivity As of Sep 30, 2006



Maturity Date

# Example Credit Union <br> Canadian Asset/Liability Management System 

3. Scenario Analyses
a) 50 Basis Point Shock
b) Mortgage Campaign
c) Lengthen Investments
d) Interest Rate Swap
e) Securitization

BiLd Solutions Inc.

# Example Credit Union Limited Scenario Comparison (in \$000's) <br> As of Sep 30, 2006 

|  | Original Analysis | Scenario |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Analysis/Scenario Name | ECU Sept 2006 | 50 Basis Point Shock | Difference | Hedge Ratio |
| Earnings at Risk (EAR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 50.0 bps | 50.0 bps |  |
| EAR Dollar Amount | \$133.2 | \$64.3 | \$68.9 | \$1.9 times |
| EAR in Basis Points | 20.4 bps | 9.9 bps | 10.6 bps |  |
| Economic Value at Risk (EVR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 50.0 bps | 50.0 bps |  |
| EVR Dollar Amount | \$60.3 | \$29.9 | \$30.4 | \$2.0 times |
| EVR in Basis Points | 9.2 bps | 4.6 bps | 4.7 bps |  |
| Price Value of a Basis Point | \$594.2 | \$594.2 | \$0.0 |  |
| Financial Performance |  |  |  |  |
| Net Interest Income | \$2,525 | \$2,525 | \$0 |  |
| Financial Margin | 3.87\% | 3.87\% | 0 bps |  |
| Economic Value | \$3,235 | \$3,235 | \$0 |  |
| Accounting Book Value | \$4,009 | \$4,009 | \$0 |  |
| Total Assets | \$65,195 | \$65,195 | \$0 |  |
| Liquidity Ratio | 12.4\% | 12.4\% | 0 bps |  |
| Capital Ratio | 6.15\% | 6.15\% | 0 bps |  |

## Example Credit Union

 Canadian Asset/Liability Management System3. Scenario Analyses
a) 50 Basis Point Shock
b) Mortgage Campaign
c) Lengthen Investments
d) Interest Rate Swap
e) Securitization

BiLd Solutions Inc.

# Example Credit Union Limited Scenario Comparison (in \$000's) <br> As of Sep 30, 2006 

|  | Original Analysis | Scenario |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Analysis/Scenario Name | ECU Sept 2006 | Mortgage Campaign | Difference | Hedge Ratio |
| Earnings at Risk (EAR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |  |
| EAR Dollar Amount | \$133.2 | \$124.1 | \$9.1 | \$14.7 times |
| EAR in Basis Points | 20.4 bps | 18.8 bps | 1.7 bps |  |
| Economic Value at Risk (EVR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |  |
| EVR Dollar Amount | \$60.3 | \$24.1 | \$36.2 | \$1.7 times |
| EVR in Basis Points | 9.2 bps | 3.6 bps | 5.6 bps |  |
| Price Value of a Basis Point | \$594.2 | \$240.6 | \$353.6 |  |
| Financial Performance |  |  |  |  |
| Net Interest Income | \$2,525 | \$2,543 | -\$18 |  |
| Financial Margin | 3.87\% | 3.84\% | 3 bps |  |
| Economic Value | \$3,235 | \$3,308 | -\$73 |  |
| Accounting Book Value | \$4,009 | \$4,009 | \$0 |  |
| Total Assets | \$65,195 | \$66,195 | -\$1,000 |  |
| Liquidity Ratio | 12.4\% | 12.2\% | 20 bps |  |
| Capital Ratio | 6.15\% | 6.06\% | 9 bps |  |

## Example Credit Union

 Canadian Asset/Liability Management System3. Scenario Analyses
a) 50 Basis Point Shock
b) Mortgage Campaign
c) Lengthen Investments
d) Interest Rate Swap
e) Securitization

BiLd Solutions Inc.

# Example Credit Union Limited Scenario Comparison (in \$000's) <br> As of Sep 30, 2006 

|  | Original Analysis | Scenario |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Analysis/Scenario Name | ECU Sept 2006 | Lengthen | Difference | Hedge Ratio |
| Earnings at Risk (EAR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |  |
| EAR Dollar Amount | \$133.2 | \$113.2 | \$20.1 | \$6.6 times |
| EAR in Basis Points | 20.4 bps | 17.4 bps | 3.1 bps |  |
| Economic Value at Risk (EVR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |  |
| EVR Dollar Amount | \$60.3 | \$40.5 | \$19.8 | \$3.0 times |
| EVR in Basis Points | 9.2 bps | 6.2 bps | 3.0 bps |  |
| Price Value of a Basis Point | \$594.2 | \$397.8 | \$196.4 |  |
| Financial Performance |  |  |  |  |
| Net Interest Income | \$2,525 | \$2,534 | -\$9 |  |
| Financial Margin | 3.87\% | 3.89\% | -1 bps |  |
| Economic Value | \$3,235 | \$3,236 | -\$1 |  |
| Accounting Book Value | \$4,009 | \$4,009 | \$0 |  |
| Total Assets | \$65,195 | \$65,195 | \$0 |  |
| Liquidity Ratio | 12.4\% | 12.4\% | 0 bps |  |
| Capital Ratio | 6.15\% | 6.15\% | 0 bps |  |

## Example Credit Union

 Canadian Asset/Liability Management System3. Scenario Analyses
a) 50 Basis Point Shock
b) Mortgage Campaign
c) Lengthen Investments
d) Interest Rate Swap
e) Securitization

BiLd Solutions Inc.

# Example Credit Union Limited Scenario Comparison (in \$000's) <br> As of Sep 30, 2006 

|  | Original Analysis | Scenario |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Analysis/Scenario Name | ECU Sept 2006 | 1 Year Interest Rate | Difference | Hedge Ratio |
| Earnings at Risk (EAR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |  |
| EAR Dollar Amount | \$133.2 | \$124.0 | \$9.2 | \$14.5 times |
| EAR in Basis Points | 20.4 bps | 19.0 bps | 1.4 bps |  |
| Economic Value at Risk (EVR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |  |
| EVR Dollar Amount | \$60.3 | \$51.4 | \$8.9 | \$6.8 times |
| EVR in Basis Points | 9.2 bps | 7.9 bps | 1.4 bps |  |
| Price Value of a Basis Point | \$594.2 | \$506.1 | \$88.1 |  |
| Financial Performance |  |  |  |  |
| Net Interest Income | \$2,525 | \$2,523 | \$2 |  |
| Financial Margin | 3.87\% | 3.87\% | 0 bps |  |
| Economic Value | \$3,235 | \$3,235 | \$0 |  |
| Accounting Book Value | \$4,009 | \$4,009 | \$0 |  |
| Total Assets | \$65,195 | \$65,195 | \$0 |  |
| Liquidity Ratio | 12.4\% | 12.4\% | 0 bps |  |
| Capital Ratio | 6.15\% | 6.15\% | 0 bps |  |

## Example Credit Union

 Canadian Asset/Liability Management System3. Scenario Analyses
a) 50 Basis Point Shock
b) Mortgage Campaign
c) Lengthen Investments
d) Interest Rate Swap
e) Securitization

BiLd Solutions Inc.

# Example Credit Union Limited Scenario Comparison (in \$000's) <br> As of Sep 30, 2006 

|  | Original Analysis | Scenario |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Analysis/Scenario Name | Sept 2006 | Securitization | Difference | Hedge Ratio |
| Earnings at Risk (EAR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |  |
| EAR Dollar Amount | \$133.2 | \$133.2 | \$0.1 | \$2,570.7 |
| EAR in Basis Points | 20.4 bps | 20.5 bps | -0.0 bps |  |
| Economic Value at Risk (EVR) |  |  |  |  |
| Exposure Direction | Falling Rates | Falling Rates | Same Direction |  |
| Shock Amount | 100.0 bps | 100.0 bps | 0.0 bps |  |
| EVR Dollar Amount | \$60.3 | \$59.2 | \$1.1 | \$55.5 times |
| EVR in Basis Points | 9.2 bps | 9.1 bps | 0.2 bps |  |
| Price Value of a Basis Point | \$594.2 | \$583.7 | \$10.5 |  |
| Financial Performance |  |  |  |  |
| Net Interest Income | \$2,525 | \$2,525 | \$0 |  |
| Financial Margin | 3.87\% | 3.88\% | -1 bps |  |
| Economic Value | \$3,235 | \$3,237 | -\$2 |  |
| Accounting Book Value | \$4,009 | \$4,009 | \$0 |  |
| Total Assets | \$65,195 | \$65,095 | \$100 |  |
| Liquidity Ratio | 12.4\% | 12.4\% | -2 bps |  |
| Capital Ratio | 6.15\% | 6.16\% | -1 bps |  |


[^0]:    BiLd Solutions Inc. 54 Cricklewood Cres. Thornhill, Ont.
    L3T 4T9
    905 882-4469

[^1]:    BiLd Solutions Inc. 54 Cricklewood Cres. Thornhill, Ont. L3T 4T9 905 882-4469

[^2]:    Note: Swaps are excluded from the Amounts totals, but are included for the Revenue and Margin totals

[^3]:    * PVBP is Price Value of a Basis Point - the change in value for a one basis point (.01\%) increase in rates

