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NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/
Form 10-Q
October 14, 2008

FORM 10-Q<br>UNITED STATES<br>SECURITIES AND EXCHANGE COMMISSION<br>Washington, D.C. 20549<br>x QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d)<br>OF THE SECURITIES EXCHANGE ACT OF 1934<br>For the Quarterly Period Ended August 31, 2008<br>OR<br>o TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d)<br>OF THE SECURITIES EXCHANGE ACT OF 1934<br>For the Transition Period From To<br>Commission File Number 1-7102<br>NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION<br>(Exact name of registrant as specified in its charter)<br>DISTRICT OF COLUMBIA<br>(State or other jurisdiction of incorporation or organization)<br>52-0891669<br>(I.R.S. Employer Identification Number)<br>2201 COOPERATIVE WAY, HERNDON, VA 20171<br>(Address of principal executive offices)

Registrant's telephone number, including area code, is 703-709-6700.
Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15 (d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes x No *

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

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Large accelerated filer " Accelerated filer " Non-accelerated filer x Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes" No x.

The Registrant is a cooperative and consequently, does not issue any equity capital stock.

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## PART 1. FINANCIAL INFORMATION

Item 1. Financial Statements.

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION <br> CONSOLIDATED BALANCE SHEETS <br> (UNAUDITED) <br> (in thousands) <br> ASSETS

|  | August 31, 2008 | May 31, 2008 |
| :---: | :---: | :---: |
| Cash and cash equivalents | \$ 1,529,395 | \$ 177,809 |
| Restricted cash | 8,548 | 14,460 |
| Loans to members Less: Allowance for loan losses Loans to members, net | $\begin{gathered} 19,365,351 \\ (522,597) \\ 18,842,754 \end{gathered}$ | $\begin{gathered} 19,029,040 \\ (514,906) \\ 18,514,134 \end{gathered}$ |
| Accrued interest and other receivables | 281,180 | 258,315 |
| Fixed assets, net | 21,435 | 21,045 |
| Debt service reserve funds | 47,775 | 54,993 |
| Bond issuance costs, net | 44,956 | 39,618 |
| Foreclosed assets, net | 60,207 | 58,961 |
| Derivative assets | 255,283 | 220,514 |
| Other assets | 23,698 | 19,532 |
|  | \$21,115,231 | \$ 19,379,381 |

See accompanying notes.

NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION
CONSOLIDATED BALANCE SHEETS
(UNAUDITED)
(in thousands)

## LIABILITIES AND EQUITY

|  | August 31, 2008 | May 31, 2008 |
| :---: | :---: | :---: |
| Short-term debt | \$ 8,098,624 | \$ 6,327,453 |
| Accrued interest payable | 309,200 | 244,299 |
| Long-term debt | 9,987,480 | 10,173,587 |
| Patronage capital retirement payable | 85,223 |  |
| Deferred income | 20,540 | 21,971 |
| Guarantee liability | 14,120 | 15,034 |
| Other liabilities | 42,753 | 27,216 |
| Derivative liabilities | 217,391 | 171,390 |
| Subordinated deferrable debt | 311,440 | 311,440 |
| Members' subordinated certificates: |  |  |
| Membership subordinated certificates | 649,465 | 649,465 |
| Loan and guarantee subordinated certificates | 771,345 | 757,314 |
| Total members' subordinated certificates | 1,420,810 | 1,406,779 |
| Commitments and contingencies |  |  |
| Minority interest | 13,001 | 14,247 |
| Equity: |  |  |
| Retained equity | 586,016 | 657,138 |
| Accumulated other comprehensive | 8,633 | 8,827 |
| income |  |  |
| Total equity | 594,649 | 665,965 |
|  | \$21,115,231 | \$19,379,381 |

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# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

## CONSOLIDATED STATEMENTS OF OPERATIONS <br> (UNAUDITED) <br> (in thousands)

For the Three Months Ended August 31, 2008 and 2007

|  | Three months ended August 31, |  |
| :---: | :---: | :---: |
|  | 2008 | 2007 |
| Interest income Interest expense | $\begin{gathered} \$ 266,518 \\ (220,309) \end{gathered}$ | $\begin{array}{r} \$ 267,954 \\ (247,325) \end{array}$ |
| Net interest income | 46,209 | 20,629 |
| Provision for loan losses | $(10,681)$ | - |
| Net interest income after provision for loan losses | 35,528 | 20,629 |
| Non-interest income: |  |  |
| Rental and other income | 181 | 351 |
| Derivative cash settlements | 431 | 8,329 |
| Results of operations from | 1,246 | 1,960 |
| foreclosed assets |  |  |
| Total non-interest income | 1,858 | 10,640 |
| Non-interest (expense)/income: |  |  |
| Salaries and employee benefits | $(9,851)$ | $(8,823)$ |
| Other general and administrative expenses | $(4,742)$ | $(4,487)$ |
| Recovery of guarantee liability | 705 | 2,100 |
| Derivative forward value | $(11,028)$ | $(33,600)$ |
| Loss on sale of loans | - | (518) |
| Total non-interest expense | $(24,916)$ | $(45,328)$ |
| Income (loss) prior to income taxes and minority interest | 12,470 | $(14,059)$ |
| Income tax benefit | 760 | 1,099 |
|  | 13,230 | $(12,960)$ |

Income (loss) prior to minority interest

| Minority interest, net of income <br> taxes | 1,241 | 1,578 |
| :--- | ---: | ---: | ---: |
| Net income (loss) | $\$ \quad 14,471$ | $\$(11,382)$ |

See accompanying notes.

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## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION <br> CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY <br> (UNAUDITED) <br> (in thousands)

For the Three Months Ended August 31, 2008 and 2007


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interest
Other comprehensive loss
Income tax benefit
Minority interest $\quad 1,578$
Other (328)
Balance as of August 31,


See accompanying notes.

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# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION <br> CONSOLIDATED STATEMENTS OF CASH FLOWS <br> (UNAUDITED) <br> (in thousands) 

For the Three Months Ended August 31, 2008 and 2007


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| $\quad$Proceeds from issuances (repayments) of | 723,544 | $(531,012$ |
| :--- | :---: | ---: |
| short-term debt, net |  |  |
| Proceeds from issuance of long-term debt, net | $1,450,611$ | 600,546 |
| Payments for retirement of long-term debt <br> Payments for retirement of subordinated <br> deferrable debt <br> Proceeds from issuance of members' <br> subordinated certificates <br> Payments for retirement of members' <br> subordinated certificates | $(595,093)$ | $(107,865)$ |
| Net cash provided by (used in) financing | - | $(175,000$ |
| activities |  |  |

See accompanying notes.

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# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED) (in thousands)

For the Three Months Ended August 31, 2008 and 2007

2008
2007
SUPPLEMENTAL DISCLOSURE OF CASH
FLOW INFORMATION:
Cash paid for interest
\$ 153,025
\$ 189,627

Cash paid for income taxes
Non-cash financing and investing activities:
Subordinated certificates applied against loan
\$ 675
balances
Patronage capital retirement payable
85,223
85,494
Patronage capital applied against loan balances 15
Net decrease in debt service reserve funds/debt
$(7,218)$
service reserve certificates
See accompanying notes.

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS <br> (UNAUDITED)

National Rural Utilities Cooperative Finance Corporation ("National Rural" or "the Company") is a private, not-for-profit cooperative association incorporated under the laws of the District of Columbia in April 1969. The principal purpose of National Rural is to provide its members with a source of financing to supplement the loan programs of the Rural Utilities Service ("RUS") of the United States Department of Agriculture. National Rural makes loans to its rural utility system members ("utility members") to enable them to acquire, construct and operate electric distribution, generation, transmission and related facilities. National Rural also provides its members with credit enhancements in the form of letters of credit and guarantees of debt obligations. National Rural is exempt from payment of federal income taxes under the provisions of Section 501(c)(4) of the Internal Revenue Code. National Rural is a not-for-profit member-owned finance cooperative, thus its objective is not to maximize its net income, but to offer its members low cost financial products and services consistent with sound financial management.

Rural Telephone Finance Cooperative ("RTFC") was incorporated as a private not-for-profit cooperative association in the state of South Dakota in September 1987. In February 2005, RTFC reincorporated as a not-for-profit cooperative association in the District of Columbia. The principal purpose of RTFC is to provide and arrange financing for its rural telecommunications members and their affiliates. RTFC's results of operations and financial condition are consolidated with those of National Rural in the accompanying financial statements. RTFC is headquartered with National Rural in Herndon, Virginia. RTFC is a taxable cooperative that pays income tax based on its net income, excluding net income allocated to its members, as allowed by law under Subchapter T of the Internal Revenue Code.

National Cooperative Services Corporation ("NCSC") was incorporated in 1981 in the District of Columbia as a private non-profit cooperative association. The principal purpose of NCSC is to provide financing to the for-profit or non-profit entities that are owned, operated or controlled by or provide substantial benefit to, members of National Rural. NCSC also markets, through its cooperative members, a consumer loan program for home improvements and an affinity credit card program. NCSC's membership consists of National Rural and distribution systems that are members of National Rural or are eligible for such membership. NCSC's results of operations and financial condition are consolidated with those of National Rural in the accompanying financial statements. NCSC is headquartered with National Rural in Herndon, Virginia. NCSC is a taxable corporation.

The Company's consolidated membership was 1,525 as of August 31, 2008 including 898 utility members, the majority of which are consumer-owned electric cooperatives, 498 telecommunications members, 66 service members and 63 associates in 48 states, the District of Columbia and two U.S. territories. The utility members included 829 distribution systems and 69 generation and transmission ("power supply") systems. Memberships among National Rural, RTFC and NCSC have been eliminated in consolidation. All references to members within this document include members and associates.

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In the opinion of management, the accompanying consolidated financial statements contain all adjustments (which consist only of normal recurring accruals) necessary for a fair statement of the Company's results for the interim periods presented.

These interim unaudited consolidated financial statements should be read in conjunction with the audited consolidated financial statements and notes thereto included in the Company's Annual Report on Form 10-K for the fiscal year ended May 31, 2008.

The preparation of financial statements in conformity with accounting principles generally accepted in the United States ("GAAP") requires management to make estimates and assumptions that affect the assets, liabilities, revenues and expenses reported in the financial statements, as well as amounts included in the notes thereto, including discussion and disclosure of contingent liabilities. While the Company uses its best estimates and judgments based on the known facts at the date of the financial statements, actual results could differ from these estimates as future events occur.

The Company does not believe it is vulnerable to the risk of a near term severe impact as a result of any concentrations of its activities.

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## (b) Principles of Consolidation

The accompanying financial statements include the consolidated accounts of National Rural, RTFC and NCSC and certain entities controlled by National Rural and created to hold foreclosed assets and effect loan securitization transactions, after elimination of intercompany accounts and transactions. Financial Accounting Standards Board ("FASB") Interpretation No. ("FIN") 46(R), Consolidation of Variable Interest Entities, an interpretation of Accounting Research Bulletin ("ARB") No. 51, requires National Rural to consolidate the financial results of RTFC and NCSC. National Rural is the primary beneficiary of variable interests in RTFC and NCSC due to its exposure to absorbing the majority of expected losses.

National Rural is the sole lender to and manages the lending and financial affairs of RTFC through a management agreement in effect until December 1, 2016. Under a guarantee agreement, RTFC pays National Rural a fee in exchange for a reimbursement to RTFC for its loan losses. All loans that require RTFC board approval also require National Rural approval. National Rural is not a member of RTFC and does not elect directors to the RTFC board. RTFC has a non-voting associate relationship with National Rural.

National Rural is the primary source of funding to and manages the lending and financial affairs of NCSC through a management agreement which is automatically renewable on an annual basis unless terminated by either party. NCSC funds its programs either through loans from National Rural or commercial paper and long-term notes issued by NCSC and guaranteed by National Rural. In connection with these guarantees, NCSC must pay a guarantee fee and purchase from National Rural interest-bearing subordinated term certificates in proportion to the related guarantee. Under a guarantee agreement, NCSC pays National Rural a fee in exchange for reimbursement to NCSC for its loan losses, excluding losses in the consumer loan program. All loans that require NCSC board approval also require National Rural approval. National Rural controls the nomination process for 1 out of 11 NCSC directors. The full membership of NCSC elects directors on the basis of one vote for each member. NCSC is a service organization member of National Rural.

RTFC and NCSC creditors have no recourse against National Rural in the event of a default by RTFC and NCSC, unless there is a guarantee agreement under which National Rural has guaranteed NCSC or RTFC debt obligations to a third party. At August 31, 2008, National Rural had guaranteed $\$ 270$ million of NCSC debt and derivative instruments with third parties. The maturities for NCSC debt guaranteed by National Rural run through 2022. At August 31, 2008, National Rural's maximum potential exposure totaled $\$ 289$ million related to guarantees of NCSC debt and derivatives. Guarantees related to NCSC debt and derivative instruments are not included in Note 11, Guarantees at August 31, 2008 as the debt and derivatives are reported on the consolidated balance sheet. At August 31, 2008, National Rural had no guarantees of RTFC debt to third party creditors. All National Rural loans to RTFC and NCSC are secured by all assets and revenues of RTFC and NCSC. At August 31, 2008, RTFC had total assets of $\$ 1,895$ million including loans outstanding to members of $\$ 1,705$ million and NCSC had total assets of $\$ 461$ million including loans outstanding of $\$ 415$ million. At August 31, 2008, National Rural had committed to lend RTFC up to $\$ 4$ billion of which $\$ 1.7$ billion was outstanding. At August 31, 2008, National Rural had committed to provide up to $\$ 1$ billion of credit to NCSC of which $\$ 454$ million was outstanding, representing $\$ 184$ million of outstanding loans and $\$ 270$ million of credit enhancements.

National Rural has established limited liability corporations and partnerships to hold foreclosed assets and to effect loan securitization transactions. National Rural has full ownership and control of all such entities and thus consolidates their financial results. National Rural presents the companies formed to hold foreclosed assets in one line on the consolidated balance sheets and the consolidated statements of operations. A full consolidation is presented for the company formed to effect loan securitization transactions.

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Unless stated otherwise, references to the Company relate to the consolidation of National Rural, RTFC, NCSC and certain entities controlled by National Rural and created to hold foreclosed assets and effect loan securitization transactions.

In accordance with ARB 51, the Company presents the amount of subsidiary equity controlled by RTFC and NCSC as minority interest on the consolidated balance sheet and the subsidiary earnings controlled by RTFC and NCSC as minority interest on the consolidated statement of operations.

## (c) Allowance for Loan Losses

The Company maintains an allowance for loan losses at a level estimated by management to provide for probable losses inherent in the loan portfolio. These estimates are based upon a review of the loan portfolio, past loss experience, specific problem loans, economic conditions and other pertinent factors which, in management's judgment, deserve current recognition in estimating loan losses. On a quarterly basis, the Company prepares an analysis of the loan loss allowance and makes adjustments to the allowance as necessary. The allowance is based on estimates and, accordingly, actual loan losses may differ from the allowance amount.

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Management makes recommendations of loans to be charged off to the board of directors of National Rural. In making its recommendation to charge off all or a portion of a loan balance, management considers various factors including cash flow analysis and collateral securing the borrower's loans.

Activity in the loan loss allowance account is summarized below:

|  | For the three months ended August |
| :--- | :---: | :---: | :---: | :---: |
| 31, |  | | Year |
| :---: |
| ended |

The following table presents the components of interest income:

|  | For the three months ended August 31, |  |
| :--- | :---: | ---: |
| (in thousands) | 2008 | 2007 |
| Interest on long-term fixed rate loans (1) | $\$ 224,402$ | $\$ 214,560$ |
| Interest on long-term variable rate loans (1) | 15,180 | 24,549 |
| Interest on short-term loans (1) | 19,504 | 20,348 |
| Interest on investments (2) | 2,181 | 2,936 |
| Conversion fees (3) | 1,703 | 1,774 |
| Make-whole and prepayment fees (4) | 827 | 1,689 |
| Commitment and guarantee fees (5) | 1,869 | 1,535 |
| Other fees | 852 | 563 |
| $\quad$ Total interest income | $\$ 266,518$ | $\$$ |
| (1) |  | 267,954 |

(1) Represents interest income on loans to members.
(2) Represents interest income on the investment of cash.
(3) Conversion fees are deferred and recognized using the interest method over the remaining original loan interest rate pricing term, except for a small portion of the total fee charged to cover administrative costs related to the conversion, which is recognized immediately.
(4) Make-whole and prepayment fees are charged for the early repayment of principal in full and recognized when collected.
(5) Commitment fees for RTFC loan commitments are, in most cases, refundable on a pro rata basis according to the amount of the loan commitment that is advanced. Such refundable fees are deferred and then recognized on a pro rata basis based on the portion of the loan that is not advanced prior to the expiration of the commitment. Commitment fees on National Rural loan commitments are not refundable and are billed and recognized based on the unused portion of committed lines of credit. Guarantee fees are deferred and amortized using the straight-line method into interest income over the life of the guarantee.

Deferred income on the consolidated balance sheets is comprised primarily of deferred conversion fees totaling $\$ 19$ million and $\$ 20$ million at August 31, 2008 and May 31, 2008, respectively.
(e) Interest Expense

The following table presents the components of interest expense:

|  | For the three months ended August 31, |  |
| :--- | ---: | ---: |
| (in thousands) | 2008 | 2007 |
| Interest expense (1): |  |  |
| Commercial paper and bid notes | 16,438 | 38,286 |
| Medium-term notes | 80,458 | 83,186 |
| Collateral trust bonds | 62,920 | 65,350 |
| Subordinated deferrable debt | 4,916 | 4,915 |
| Subordinated certificates | 12,417 | 12,124 |
| Long-term private debt | 35,596 | 30,783 |
| Debt issuance costs (2) | 2,135 | 2,530 |
| Commitment and guarantee fees (3) | 4,767 | 4,070 |
| Loss on extinguishment of debt (4) | - | 5,509 |
| Other fees | 662 | 572 |
| $\quad$ Total interest expense | $\$ 220,309$ | $\$ 247,325$ |

(1) Represents interest expense and the amortization of discounts on debt.
(2) Includes amortization of all deferred charges related to the issuance of debt, principally underwriter's fees, legal fees, printing costs and comfort letter fees. Amortization is calculated on the effective interest method. Also includes issuance costs related to dealer commercial paper.
(3) Includes various fees related to funding activities, including fees paid to banks participating in the Company's revolving credit agreements and fees paid under bond guarantee agreements with RUS as part of the Rural Economic Development Loan and Grant ("REDLG") program. Fees are recognized as incurred or amortized on a straight-line basis over the life of the respective agreement.
(4) Represents the loss on the early retirement of debt including the write-off of unamortized discount, premium and issuance costs.

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The Company does not include indirect costs, if any, related to funding activities in interest expense.
(f) Comprehensive Income

Comprehensive income includes the Company's net income, as well as other comprehensive income related to derivatives. Comprehensive income is calculated as follows:
(in thousands)
Net income (loss)
Other comprehensive income:
Reclassification adjustment for realized gains on
derivatives
Comprehensive income (loss)

For the three months ended August 31,

| 2008 |  | 2007 |
| :---: | ---: | ---: |
| $\$ 14,471$ | $\$$ | $(11,382)$ |
| $(194)$ |  | $(75)$ |
| $\$ 14,277$ | $\$$ | $(11,457)$ |

## (g) New Accounting Pronouncements

In December 2007, the FASB issued Statement of Financial Accounting Standards ("SFAS") 160, Noncontrolling Interests in Consolidated Financial Statements, an amendment of ARB 51 ("SFAS 160"), to establish accounting and reporting standards for the noncontrolling interests in a subsidiary and for the deconsolidation of a subsidiary. It also amends certain of ARB 51's consolidation procedures for consistency with the requirements of SFAS 141, Business Combinations. Noncontrolling interests shall be reclassified to equity, consolidated net income shall be adjusted to include net income attributable to noncontrolling interests and consolidated comprehensive income shall be adjusted to include comprehensive income attributable to the noncontrolling interests. This statement is effective for fiscal years beginning on or after December 15, 2008. The Company's adoption of SFAS 160 on June 1, 2009 is not expected to have a material impact on the Company's financial position or results of operations.

In March 2008, the FASB issued SFAS 161, Disclosures about Derivative Instruments and Hedging Activities ("SFAS 161 "). This statement requires enhanced disclosures about an entity's derivative and hedging activities. The statement is effective for fiscal years beginning after November 15, 2008. The Company's adoption of SFAS 161 on June 1, 2009 is not expected to have an impact on the Company's financial position or results of operations.

## (2) Loans and Commitments

Loans outstanding to members and unadvanced commitments by loan type and by segment are summarized as follows:

| (in thousands) | August 31, 2008 |  |  |  | May 31, 2008 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Loans Outstanding |  | Unadvanced <br> Commitments (1) |  | Loans Outstanding | Unadvanced Commitments |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Total by loan type (2) (3): |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Long-term fixed rate | \$ | 15,209,819 | \$ | - | \$ | \$ |
| loans |  |  |  |  | 15,204,614 |  |
| Long-term variable |  | 1,931,468 |  | 5,936,480 |  | 5,975,541 |
| rate loans |  |  |  |  | 1,882,095 |  |
| Loans guaranteed by |  | 249,191 |  | 491 |  | 491 |
| RUS |  |  |  |  | 250,169 |  |


| Short-term loans |  | 1,972,006 |  | 7,624,220 | 1,690,117 |  | 7,597,712 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total loans outstanding |  | 19,362,484 |  | 13,561,191 | 19,026,995 |  | 13,573,744 |
| Deferred origination fees |  | 2,867 |  | - | 2,045 |  | - |
| Less: Allowance for |  | $(522,597)$ |  | - | ) |  |  |
| loan losses |  |  |  |  | (514,906 |  |  |
| Net loans outstanding | \$ | 18,842,754 | \$ | 13,561,191 | \$ 18,514,134 | \$ | 13,573,744 |
| Total by segment (2): |  |  |  |  |  |  |  |
| National Rural: |  |  |  |  |  |  |  |
| Distribution | \$ | 13,614,736 | \$ | 9,668,309 | \$ 13,438,370 | \$ | 9,579,213 |
| Power supply |  | 3,519,985 |  | 2,904,009 | 3,339,112 |  | 2,960,693 |
| Statewide and |  | 107,743 |  | 166,414 |  |  | 158,293 |
| associate |  |  |  |  | 108,925 |  |  |
| National Rural total |  | 17,242,464 |  | 12,738,732 | 16,886,407 |  | 12,698,199 |
| RTFC |  | 1,705,004 |  | 510,806 | 1,726,514 |  | 562,389 |
| NCSC |  | 415,016 |  | 311,653 | 414,074 |  | 313,156 |
| Total loans | \$ | 19,362,484 | \$ | 13,561,191 | \$ | \$ | 13,573,744 |
| outstanding |  |  |  |  | 19,026,995 |  |  |

(1) Unadvanced loan commitments include loans for which loan contracts have been approved and executed, but funds have not been advanced. Prior to advancing funds, additional information may be required to assure that all conditions for advance of funds have been fully met and that there has been no material change in the member's condition as represented in the supporting documents. Since commitments may expire without being fully drawn upon and a significant amount of the commitments are for standby liquidity purposes, the total unadvanced loan commitments do not necessarily represent future cash requirements. Collateral and security requirements for advances on commitments are identical to those on initial loan approval. Because the interest rate on unadvanced commitments is not set until drawn, long-term unadvanced loan commitments have been classified in this table as variable rate unadvanced commitments. However, at the time of the advance, the borrower may select a fixed or a variable rate.
(2) Non-performing and restructured loans are included in loans outstanding by loan type table.
(3) Loans are classified as long-term or short-term based on their original maturity.

Non-performing and restructured loans outstanding to members and unadvanced commitments by loan type and by segment are summarized as follows:

| (in thousands) | August 31, 2008 |  |  |  | May 31, 2008 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Loans <br> Outstanding |  | Unadvanced |  | Loans Outstanding |  | Unadvanced |  |
| Non-performing and |  |  |  | ommitments (1) |  |  |  | tments (1) |
| restructured loans (2): |  |  |  |  |  |  |  |  |
| Non-performing loans (3): |  |  |  |  |  |  |  |  |
| RTFC: |  |  |  |  |  |  |  |  |
| Long-term fixed rate loans | \$ | 212,984 | \$ | - | \$ | 219,912 | \$ | - |
| Long-term variable rate |  | 261,114 |  | 2,160 |  |  |  |  |
| loans |  |  |  |  |  | 261,109 |  | 2,160 |
| Short-term loans |  | 17,487 |  | - |  | 25,843 |  | - |
| Total non-performing | \$ | 491,585 | \$ | 2,160 | \$ |  | \$ |  |
| loans |  |  |  |  |  | 506,864 |  | 2,160 |
| Restructured loans (3): |  |  |  |  |  |  |  |  |
| National Rural: |  |  |  |  |  |  |  |  |
| Long-term fixed rate loans | \$ | 52,196 | \$ | - | \$ | 52,309 | \$ | - |
| Long-term variable rate |  | 512,150 |  | 186,673 |  |  |  |  |
| loans |  |  |  |  |  | 519,257 |  | 186,673 |
| Short-term loans |  | - |  | 12,500 |  | - |  | 12,500 |
| National Rural total |  | 564,346 |  | 199,173 |  |  |  |  |
| restructured loans |  |  |  |  |  | 571,566 |  | 199,173 |
| RTFC: |  |  |  |  |  |  |  |  |
| Long-term fixed rate loans |  | 5,376 |  | - |  | 5,545 |  | - |
| Total | \$ |  | \$ |  | \$ |  | \$ |  |
| restructured loans |  | 569,722 |  | 199,173 |  | 577,111 |  | 199,173 |

(1) Unadvanced loan commitments include loans for which loan contracts have been approved and executed, but funds have not been advanced. Prior to advancing funds, additional information may be required to assure that all conditions for advance of funds have been fully met and that there has been no material change in the member's condition as represented in the supporting documents. Since commitments may expire without being fully drawn upon and a significant amount of the commitments are for standby liquidity purposes, the total unadvanced loan commitments do not necessarily represent future cash requirements. Collateral and security requirements for advances on commitments are identical to those on initial loan approval. Because the interest rate on unadvanced commitments is not set until drawn, long-term unadvanced loan commitments have been classified in this table as variable rate unadvanced commitments. However, at the time of the advance, the borrower may select a fixed or a variable rate.
(2) Non-performing and restructured loans are included in loans outstanding by loan type table.
(3) Loans are classified as long-term or short-term based on their original maturity.

Loan origination costs are deferred and amortized using the straight-line method, which approximates the interest method, over the life of the loan as a reduction to interest income.

Loan Security

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The Company evaluates each borrower's creditworthiness on a case-by-case basis. It is generally the Company's policy to require collateral for long-term loans. Such collateral usually consists of a first mortgage lien on the borrower's total system, including plant and equipment, and a pledge of future revenues. The loan and security documents also contain various provisions with respect to the mortgaging of the borrower's property and debt service coverage ratios, maintenance of adequate insurance coverage as well as certain other restrictive covenants.

The following tables summarize the Company's secured and unsecured loans outstanding by loan type and by segment:

| (dollar amounts in thousands) | August 31, 2008 |  |  |  | May 31, 2008 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| Total by loan type: | Secured | \% | Unsecured | \% | Secured | \% | Unsecured | \% |
| Long-term fixed rate loans | 14,722,766 | 97 | 487,053 | 3 | 14,732,058 | 97\% | \$ 472,556 | 3\% |
|  | \$ | \% | \$ | \% | \$ |  |  |  |
| Long-term variable rate | 1,761,517 | 91 | 169,951 | 9 | 1,728,803 | 92 | 153,292 | 8 |
| loans |  |  |  |  |  |  |  |  |
| guaranteed by |  |  |  |  |  |  |  |  |
| RUS |  |  |  |  |  |  |  |  |
| Short-term loans | 199,783 | 10 | 1,772,223 | 90 | 165,226 | 10 | 1,524,891 | 90 |
| Total loans | \$16,933,257 | 87 | \$ 2,429,227 | 13 | \$ 16,876,256 | 89 | \$ 2,150,739 | 11 |
| Total by segment: |  |  |  |  |  |  |  |  |
| National Rural | \$15,105,074 | 88\% | \$ 2,137,390 | 12\% | \$ 15,021,067 | 89\% | \$ 1,865,340 | 11\% |
| RTFC | 1,472,667 | 86 | 232,337 | 14 | 1,497,487 | 87 | 229,027 | 13 |
| NCSC | 355,516 | 86 | 59,500 | 14 | 357,702 | 86 | 56,372 | 14 |
| Total loans | \$16,933,257 | 87 | \$ 2,429,227 | 13 | \$16,876,256 | 89 | \$ 2,150,739 | 11 |

Pledging of Loans
The following table summarizes the Company's collateral pledged to secure its collateral trust bonds and notes payable to the Federal Agricultural Mortgage Corporation ("Farmer Mac") and the amount of the corresponding debt:

| (in thousands) | August 31, 2008 | May 31, 2008 |
| :---: | :---: | :---: |
| 2007 indenture: |  |  |
| Distribution system mortgage notes | \$ 2,534,075 | \$ 917,925 |
| Collateral trust bonds outstanding | 2,000,000 | 700,000 |
| 1994 indenture: |  |  |
| Distribution system mortgage notes | \$ 3,959,373 | \$3,989,443 |
| RUS guaranteed loans qualifying as permitted investments | 214,351 | 215,329 |
| Total pledged collateral | \$ 4,173,724 | \$4,204,772 |
| Collateral trust bonds outstanding | \$ 4,005,000 | \$4,015,000 |
| 1972 indenture: |  |  |
| Cash pledged | \$ 2,032 | \$ 2,032 |
| Collateral trust bonds outstanding | 1,927 | 1,927 |
| Farmer Mac: |  |  |
| Distribution system mortgage notes | \$ 492,663 | \$1,042,564 |
| Farmer Mac notes payable | 400,000 | 900,000 |

The following table shows the collateral on deposit for the notes payable to the Federal Financing Bank ("FFB") of the United States Treasury as part of the REDLG program (see Note 5, Long-Term Debt) and the amount of the corresponding debt:
(in thousands)
REDLG:
Mortgage notes on deposit
REDLG notes payable

August 31, 2008
$\begin{array}{rr}\$ 3,225,319 & \$ 3,191,292 \\ 2,500,000 & 2,500,000\end{array}$

The $\$ 2.5$ billion of notes payable to the FFB contain a rating trigger related to the Company's senior secured credit ratings from Standard \& Poor's Corporation, Moody's Investors Service and Fitch Ratings. A rating trigger event exists if the Company's senior secured debt does not have at least two of the following ratings: (i) A- or higher from Standard \& Poor's Corporation, (ii) A3 or higher from Moody's Investors Service, (iii) A- or higher from Fitch Ratings and (iv) an equivalent rating from a successor rating agency to any of the above rating agencies. If the Company's senior secured credit ratings fall below the levels listed above, the mortgage notes on deposit at that time, which totaled $\$ 3,225$ million at August 31, 2008, would be pledged as collateral rather than held on deposit. At August 31, 2008, National Rural's senior secured debt ratings were above the rating trigger threshold.

A total of $\$ 1.5$ billion of notes payable to the FFB has a second trigger event related to the membership of a financial expert on National Rural's board of directors. A financial expert trigger event will exist if the financial expert position (as defined by Section 407 of the Sarbanes-Oxley Act of 2002) remains vacant for more than 90 consecutive days. If the Company does not satisfy the financial expert trigger, the mortgage notes on deposit at that time, which totaled $\$ 1,881$ million at August 31, 2008, would be pledged as collateral rather than held on deposit. The financial expert position on National Rural's board of directors has been filled since March 2007.

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 Foreclosed Assets, NetAssets received in satisfaction of loan receivables are recorded at cost in accordance with SFAS 144, Accounting for the Impairment or Disposal of Long-Lived Assets ("SFAS 144") and are evaluated periodically for impairment. These assets are classified on the consolidated balance sheets as foreclosed assets, net. These assets do not meet the criteria to be classified as held for sale at August 31, 2008 and 2007 or May 31, 2008. At August 31, 2008 and May 31, 2008, the balance of foreclosed assets included real estate developer notes receivables and limited partnership interests in certain real estate developments.

The activity for foreclosed assets is summarized below:

|  | Three months ended August 31, | Year ended |  |
| :--- | :---: | :---: | :---: |
| (in thousands) | 2008 | 2007 | May 31, 2008 |
| Beginning balance | $\$ 58,961$ | $\$ 66,329$ | $\$ 66,329$ |
| Results of operations | 1,246 | 1,960 | 7,528 |
| Net cash provided by foreclosed assets | - | - | $(9,056)$ |
| Market adjustment | - | - | $(5,840)$ |
| Ending balance | $\$ 60,207$ | $\$ 68,289$ | $\$ 58,961$ |

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## (4) Short-Term Debt and Credit Arrangements

The following is a summary of short-term debt outstanding:

| (in thousands) | August 31, 2008 | May 31, 2008 |
| :--- | ---: | ---: |
| Short-term debt: |  |  |
| Commercial paper sold through dealers, net of <br> discounts | $\$ 1,993,783$ | $\$ 1,511,953$ |
| Commercial paper sold directly to members, at par | $1,179,170$ | $1,153,210$ |
| Commercial paper sold directly to non-members, at | 133,938 | 134,351 |
| par |  |  |
| $\quad$ Total commercial paper | $3,306,891$ | $2,799,514$ |
| Daily liquidity fund sold directly to members | 266,917 | 250,750 |
| Bank bid notes | 300,000 | 100,000 |
| $\quad$ Subtotal short-term debt | $3,873,808$ | $3,150,264$ |
|  |  |  |
| Long-term debt maturing within one year: | $2,040,760$ | 558,776 |
| Medium-term notes sold through dealers | 364,548 | 288,634 |
| Medium-term notes sold to members | $1,814,998$ | $1,824,995$ |
| Secured collateral trust bonds | - | 500,000 |
| Secured notes payable | 4,510 | 4,784 |
| Unsecured notes payable | $4,224,816$ | $3,177,189$ |
| $\quad$ Total long-term debt maturing within one year |  |  |
| Total short-term debt | $\$ 8,098,624$ | $\$ 6,327,453$ |

National Rural issues commercial paper for periods of one to 270 days. National Rural also enters into short-term bank bid note agreements, which are unsecured obligations of National Rural and do not require backup bank lines for liquidity purposes. Bank bid notes are short-term loans for which National Rural does not pay a commitment fee. The commitments are generally subject to termination at the discretion of the individual banks.

Revolving Credit Agreements
The following is a summary of the amounts available under the Company's revolving credit agreements:

| (dollar amounts in | August 31, <br> thousands) | May 31, <br> (2008 | Termination <br> Date | Facility fee <br> per <br> annum (1) |
| :--- | :---: | :---: | :---: | :---: |
| Five-year agreement | $\$ 1,125,000$ | $\$ 1,125,000$ | March 16, <br> 2012 | 6 basis <br> points |
| Five-year agreement | $1,025,000$ | $1,025,000$ | March 22, <br> 2011 <br> March 13, | basis <br> points <br> 5 basis |
| 364-day agreement (2) <br> Total | $1,500,000$ | $1,500,000$ | 2009 | points |

(1) Facility fee determined by National Rural's senior unsecured credit ratings based on the pricing schedules put in place at the initiation of the related agreement.
(2) Any amount outstanding under the agreement may be converted to a one-year term loan at the end of the revolving credit periods. If converted to a term loan, the fee on the outstanding principal amount of the term loan is 10 basis points per annum.

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Upfront fees of between three and five basis points were paid to the banks based on their commitment level to the five-year agreements in place at August 31, 2008. These fees totaled approximately $\$ 1$ million and will be amortized on a straight-line basis over the life of the agreements. In addition, the Company paid $\$ 0.1$ million in upfront fees to the banks for their commitment to the 364 -day facility in place at August 31, 2008, which will be amortized on a straight-line basis over the life of the agreement. Each agreement contains a provision under which if borrowings exceed 50 percent of total commitments, a utilization fee must be paid on the outstanding balance. The utilization fees are five basis points for all three agreements in place at August 31, 2008.

At August 31, 2008 and May 31, 2008, the Company was in compliance with all covenants and conditions under its revolving credit agreements in place at that time and there were no borrowings outstanding under such agreements.

For the purpose of calculating the required financial covenants contained in its revolving credit agreements, the Company adjusts net income, senior debt and total equity to exclude the non-cash adjustments related to SFAS 133, Accounting for Derivative Instruments and Hedging Activities, as amended ("SFAS 133"), and SFAS 52, Foreign Currency Translation ("SFAS 52"). The adjusted times interest earned ratio ("TIER"), as defined by the agreements, represents the interest expense adjusted to include the derivative cash settlements, plus minority interest net income, plus net income prior to the cumulative effect of change in accounting principle and dividing that total by the interest expense adjusted to include the derivative cash settlements. In addition to the non-cash adjustments related to SFAS 133 and SFAS 52, senior debt also excludes RUS guaranteed loans, subordinated deferrable debt, members' subordinated certificates and minority interest. Total equity is adjusted to include subordinated deferrable debt, members' subordinated certificates and minority interest. Senior debt includes guarantees; however, it excludes:

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- guarantees for members where the long-term unsecured debt of the member is rated at least BBB+ by Standard \& Poor's Corporation or Baal by Moody's Investors Service; and
- the payment of principal and interest by the member on the guaranteed indebtedness if covered by insurance or reinsurance provided by an insurer having an insurance financial strength rating of AAA by Standard \& Poor's Corporation or a financial strength rating of Aaa by Moody's Investors Service.

The following represents the Company's required and actual financial ratios under the revolving credit agreements at or for the three months ended August 31, 2008 and May 31, 2008:

|  | Actual <br> Requirement |  | August 31, <br> 2008 |
| :--- | :---: | :---: | :---: |
| May 31, |  |  |  |
| Minimum average adjusted TIER over the six most recent fiscal <br> quarters | 1.025 | 1.14 | 1.16 |
| Minimum adjusted TIER at fiscal year <br> end (1) | 1.05 | 1.15 | 1.15 |
| Maximum ratio of senior debt to total <br> equity | 10.00 | 8.23 | 7.33 |

(1) The Company must meet this requirement in order to retire patronage capital.

The revolving credit agreements do not contain a material adverse change clause or ratings triggers that limit the banks' obligations to fund under the terms of the agreements, but the Company must be in compliance with their other requirements, including financial ratios, to draw down on the facilities.

See Note 15, Subsequent Events, for a description of subsequent events related to such agreements.

## (5) Long-Term Debt

The following is a summary of long-term debt outstanding:
(in thousands)
Unsecured long-term debt:
Medium-term notes sold through dealers
Medium-term notes sold to members Subtotal
Unamortized discount
Total unsecured medium-term notes
Unsecured notes payable
Unamortized discount
Total unsecured notes payable
Total unsecured long-term debt
Secured long-term debt:
Collateral trust bonds

August 31, 2008
May 31, 2008

| $\$ 2,753,630$ | $\$ 4,231,982$ |
| ---: | ---: |
| 95,546 | 104,105 |
| $2,849,176$ | $4,336,087$ |
| $(3,633)$ | $(5,483)$ |
| $2,845,543$ | $4,330,604$ |

2,558,362 2,558,362
$(1,867) \quad(1,959)$ 2,556,495 2,556,403
5,402,038 6,887,007

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Unamortized discount
Total secured collateral trust bonds Secured notes payable

Total secured long-term debt
Total long-term debt

$$
(6,485)
$$

$$
4,185,442
$$

$$
400,000
$$

$$
4,585,442
$$

\$ 9,987,480
$(5,347)$
2,886,580
400,000
3,286,580
\$10,173,587

Medium-term notes are unsecured obligations of National Rural. Collateral trust bonds are secured by the pledge of mortgage notes or eligible securities in an amount at least equal to the principal balance of the bonds outstanding. See Note 2, Loans and Commitments, for additional information on the collateral pledged to secure National Rural's collateral trust bonds.

Unsecured Notes Payable
At August 31, 2008 and May 31, 2008, National Rural had $\$ 2.5$ billion outstanding under a bond purchase agreement with the FFB and a bond guarantee agreement with RUS as part of the funding mechanism for the REDLG program. As part of the REDLG program, National Rural pays to RUS a fee of 30 basis points per annum on the total amount borrowed. At August 31, 2008, the $\$ 2.5$ billion of unsecured notes payable issued as part of the REDLG program require National Rural to place on deposit mortgage notes in an amount at least equal to the principal balance of the notes outstanding. See Note 2, Loans and Commitments, for additional information on the mortgage notes held on deposit.

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## Secured Notes Payable

At August 31, 2008 and May 31, 2008, National Rural had a total of $\$ 400$ million and $\$ 900$ million, respectively, outstanding to Farmer Mac. Notes to Farmer Mac totaling \$500 million and reported in short-term debt at May 31, 2008 matured on July 29, 2008. Notes payable sold to Farmer Mac are secured by the pledge of mortgage notes in an amount at least equal to the principal balance of the notes outstanding. See Note 2, Loans and Commitments, for additional information on the collateral pledged to secure National Rural's notes payable.
(6) Subordinated Deferrable Debt

The following table is a summary of subordinated deferrable debt outstanding:

| (in thousands) | August 31, | May 31, 2008 |  |  |
| :--- | :---: | :---: | ---: | ---: |
|  |  | 2008 |  |  |
| $6.75 \%$ due 2043 (1) |  | 125,000 | $\$$ | 125,000 |
| $6.10 \%$ | due 2044 (2) | 88,201 |  | 88,201 |
| $5.95 \%$ due 2045 (3) |  | 98,239 |  | 98,239 |
| Total | $\$$ | 311,440 | $\$$ | 311,440 |

(1) Callable by National Rural at par starting on February 15, 2008.
(2) Callable by National Rural at par starting on February 1, 2009.
(3) Callable by National Rural at par starting on February 15, 2010.

## (7) Derivative Financial Instruments

The Company is neither a dealer nor a trader in derivative financial instruments. The Company utilizes derivatives such as interest rate swaps and cross currency interest rate swaps to mitigate its interest rate risk and foreign currency exchange risk.

Consistent with SFAS 133, the Company records derivative instruments on the consolidated balance sheet as either an asset or liability measured at fair value. Changes in the fair value of derivative instruments are recognized in the derivative forward value line item of the consolidated statement of operations unless specific hedge accounting criteria are met. Generally, the Company's derivative instruments do not qualify for hedge accounting under SFAS 133. At August 31, 2008 and 2007 and May 31, 2008, the Company did not have any derivative instruments that were accounted for using hedge accounting.

The Company was a party to the following interest rate swaps:

|  | Notional Amounts Outstanding |  |
| :--- | :---: | :---: |
| (in thousands) | August 31, | May 31, |
|  | 2008 | 2008 |
| Pay fixed and receive variable | $\$ 7,720,557$ | $\$ 7,659,973$ |
| Pay variable and receive fixed | $5,906,440$ | $5,256,440$ |
| Total derivative instruments | $\$ 13,626,997$ | $\$ 12,916,413$ |

Derivative instruments had the following impact on the Company:

|  |  |
| :--- | :---: |
| (in thousands) | For the three months ended August 31, |
| 2007 |  |

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Statement of Operations:
Agreements that do not qualify for hedge accounting:
Derivative cash settlements \$
Derivative forward value
Total loss on derivative instruments

Comprehensive Income:
Amortization of transition adjustment
\$
\$

Cash settlements includes periodic amounts that were paid and received related to the Company's derivative instruments.

A transition adjustment of $\$ 62$ million was recorded as an other comprehensive loss on June 1, 2001, the date the Company implemented SFAS 133. The transition adjustment will be amortized into earnings over the remaining life of the related derivative instruments. Approximately $\$ 0.7$ million of the transition adjustment is expected to be amortized to income over the next 12 months and will continue through 2029.

The Company has classified cash activity associated with derivatives as an operating activity in the consolidated statements of cash flows.

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## Rating Triggers

The Company has certain derivative contracts that contain a provision called a rating trigger. Under a rating trigger, if the credit rating for either counterparty falls to the level specified in the agreement, the other counterparty may, but is not obligated to, terminate the agreement. If either counterparty terminates the agreement, a net payment may be due from one counterparty to the other based on the fair value of the underlying derivative instrument. Rating triggers are not separate financial instruments and are not separate derivatives under SFAS 133. The rating triggers contained in certain of the Company's derivative instruments are based on its senior unsecured credit rating from Standard \& Poor's Corporation and Moody's Investors Service.

At August 31, 2008, the Company had the following notional amount and fair values associated with derivative instruments that contain rating triggers. For the purpose of the presentation, the Company has grouped the rating triggers into two categories: (1) ratings from Moody's Investors Service falls to Baa1 or from Standard \& Poor's Corporation falls to BBB+ and (2) ratings from Moody's Investors Service falls below Baa1 or from Standard \& Poor's Corporation falls below BBB+. In calculating the payments and collections required upon termination, the Company netted the agreements for each counterparty, as allowed by the associated master netting agreements.

|  | Notional | Required Company Payment |  | Amount <br> Company Would Collect |  | Net Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| Rating Level: |  |  |  |  |  |  |  |
| Fall to Baa1/BBB+ | \$ 1,919,918 | \$ | (535) | \$ | 37,908 | \$ | 37,373 |
| Fall below Baa1/BBB+ | 7,313,977 |  | $(36,025)$ |  | 29,128 |  | $(6,897)$ |
| Total | \$ 9,233,895 | \$ | $(36,560)$ | \$ | 67,036 | \$ | 30,476 |

In addition to the rating triggers listed above, at August 31, 2008, the Company had $\$ 717$ million of notional derivative instruments, with one counterparty that would require the pledging of collateral in an amount equal to the fair value of the derivative instruments if the Company's senior secured ratings from Moody's Investors Service were to fall below Baa2 or if the rating from Standard \& Poor's Corporation were to fall below BBB. At August 31, 2008, the fair value of the derivative instruments associated with this rating trigger was a $\$ 13$ million net obligation.
(8) Members' Subordinated Certificates

Membership Subordinated Certificates
National Rural's members are required to purchase membership certificates as a condition of membership. Such certificates are interest-bearing, unsecured, subordinated debt of National Rural. Members may purchase the certificates over time as a percentage of the amount they borrow from National Rural. RTFC and NCSC members are not required to purchase membership certificates as a condition of membership. National Rural membership certificates typically have an original maturity of 100 years and pay interest at five percent semi-annually. The weighted-average maturity for all membership subordinated certificates outstanding at August 31, 2008 and May 31, 2008 was 68 years.

Loan and Guarantee Subordinated Certificates
Members obtaining long-term loans, certain short-term loans or guarantees are generally required to purchase additional loan or guarantee subordinated certificates with each such loan or guarantee based on the members' debt to equity ratio with National Rural. These certificates are unsecured, subordinated debt of the Company.

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Certificates currently purchased in conjunction with long-term loans are generally non-interest bearing. National Rural's policy regarding the purchase of loan subordinated certificates requires members with a debt to equity ratio with National Rural in excess of the limit in the policy to purchase a non-amortizing/non-interest bearing subordinated certificate in the amount of two percent for distribution systems and seven percent for power supply systems. National Rural associates and RTFC members are required to purchase loan subordinated certificates in an amount equal to 10 percent of each long-term loan advance. For non-standard credit facilities, the borrower is required to purchase interest bearing certificates in amounts determined appropriate by National Rural based on the circumstances of the transaction. Loan and guarantee subordinated certificates have the same maturity as the related long-term loan. Some certificates may amortize annually based on the outstanding loan balance.

The maturity dates and the interest rates payable on guarantee subordinated certificates purchased in conjunction with National Rural's guarantee program vary in accordance with applicable National Rural policy. Members may be required to purchase non-interest bearing debt service reserve subordinated certificates in connection with National Rural's guarantee of long-term tax-exempt bonds (see Note 11, Guarantees). National Rural pledges proceeds from the sale of such certificates to the debt service reserve fund established in connection with the bond issue and any earnings from the investments of the fund

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inure solely to the benefit of the members for whom the bonds are issued. These certificates have varying maturities not exceeding the longest maturity of the guaranteed obligation.

Minority Interest
At August 31, 2008 and May 31, 2008, the Company reported minority interests of $\$ 13$ million and $\$ 14$ million, respectively, on the consolidated balance sheets. Minority interest represents 100 percent of RTFC and NCSC equity as the members of RTFC and NCSC own or control 100 percent of the interest in their respective companies.

## (10) <br> Equity

National Rural is required by the District of Columbia cooperative law to have a methodology to allocate its net earnings to its members. National Rural maintains the current year net earnings as unallocated through the end of its fiscal year. National Rural calculates net earnings by adjusting net income to exclude certain non-cash adjustments. Subsequent to the end of the fiscal year, National Rural's board of directors allocates its net earnings to members in the form of patronage capital and to board approved reserves. Currently, National Rural has two such board approved reserves, the education fund and the members' capital reserve. National Rural allocates a small portion, less than one percent, of net earnings annually to the education fund. The allocation to the education fund must be at least 0.25 percent of net earnings as required by National Rural's bylaws. Funds from the education fund are disbursed annually to the statewide cooperative organizations to fund the teaching of cooperative principles in the service territories of the cooperatives in each state. The board of directors determines the amount of net earnings that is allocated to the members' capital reserve, if any. The members' capital reserve represents net earnings that are held by National Rural to increase equity retention. The net earnings held in the members' capital reserve have not been allocated to any member, but may be allocated to individual members in the future as patronage capital if authorized by National Rural's board of directors. All remaining net earnings are allocated to National Rural's members in the form of patronage capital. National Rural bases the amount of net earnings allocated to each member on the members' patronage of the National Rural lending programs during the year. There is no impact on National Rural's total equity as a result of allocating net earnings to members in the form of patronage capital or to board approved reserves. National Rural's board of directors has annually voted to retire a portion of the patronage capital allocated to members in prior years. National Rural's total equity is reduced by the amount of patronage capital retired to members and by amounts disbursed from board approved reserves.

In July 2008, National Rural's board of directors allocated 2008 fiscal year net earnings as follows: $\$ 1$ million to the education fund, $\$ 103$ million to members in the form of patronage capital, and $\$ 29$ million to the members' capital reserve. In July 2008, National Rural's board of directors authorized the retirement of allocated net earnings totaling $\$ 85$ million, representing 70 percent of the fiscal year 2008 allocation and one-ninth of the fiscal years 1991, 1992 and 1993 allocated net earnings. This amount was paid to members in cash in October 2008. Future allocations and retirements of net earnings will be made annually as determined by National Rural's board of directors with due regard for National Rural's financial condition. The board of directors for National Rural has the authority to change the current practice for allocating and retiring net earnings at any time, subject to applicable cooperative law.

At August 31, 2008 and May 31, 2008, equity included the following components:
(in thousands)
Membership fees
Education fund
Members' capital reserve
Allocated net income
Unallocated net income (1)

August 31, 2008
\$ 993
1,129
187,409 338,011
23,156

May 31, 2008
\$ 993
1,484
187,409
423,249

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| Total members' equity | 550,698 | 613,082 |
| :--- | :---: | :---: |
| Prior years' cumulative derivative forward |  |  |
| value and foreign currency adjustments | 44,056 | 131,551 |
| Current period derivative forward value (2) | $(8,738)$ | $(87,495)$ |
| Total retained equity | 586,016 | 657,138 |
| Accumulated other comprehensive income | 8,633 | 8,827 |
| Total equity | $\$ 594,649$ | $\$ 665,965$ |

(1) Excludes derivative forward value and foreign currency adjustments.
(2) Represents the derivative forward value loss recorded by National Rural for the year-to-date period.
(11) Guarantees

The Company guarantees certain contractual obligations of its members so that they may obtain various forms of financing. With the exception of letters of credit, the underlying obligations may not be accelerated so long as the Company performs under its guarantee.

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At August 31, 2008 and May 31, 2008, the Company recorded a guarantee liability totaling $\$ 14$ million and $\$ 15$ million, respectively, which represents the contingent and non-contingent exposure related to guarantees of members' debt obligations. The contingent guarantee liability at August 31, 2008 and May 31, 2008 totaled $\$ 9$ million and $\$ 10$ million, respectively, based on management's estimate of exposure to losses within the guarantee portfolio. The Company uses factors such as internal risk rating, remaining term of guarantee, corporate bond default probabilities and estimated recovery rates in estimating its contingent exposure. The remaining balance of the total guarantee liability of $\$ 5$ million at August 31, 2008 and May 31, 2008 relates to the Company's non-contingent obligation to stand ready to perform over the term of its guarantees that it has entered into or modified since January 1, 2003 in accordance with FIN 45, Guarantor's Accounting and Disclosure Requirement for Guarantees, Including Indirect Guarantees of Indebtedness of Others (an interpretation of FASB Statements No. 5, 57, and 107 and rescission of FASB Interpretation No. 34). The non-contingent obligation is estimated based on guarantee fees collectible over the life of the guarantee. The fees are deferred and amortized using the straight-line method into interest income over the term of the guarantees.

Activity in the guarantee liability account is summarized below:
(dollar amounts in thousands)
Beginning balance
Net change in non-contingent
liability
Recovery of contingent guarantee losses
Ending balance
Liability as a percentage of total guarantees

| For the | three mon |  | ugust 31, |
| :---: | :---: | :---: | :---: |
|  | 08 |  | 2007 |
| \$ | 15,034 | \$ | 18,929 |
|  | ) |  | 131 |
|  | (209 |  |  |
|  | ) |  | $(2,100)$ |
|  | (705 |  |  |
| \$ | 14,120 | \$ | 16,960 |
|  | \% |  | 1.57\% |
|  | 1.37 |  |  |


|  | ded May 31, 008 |
| :---: | :---: |
| \$ | 18,929 |
|  | ${ }_{(791}{ }^{\prime}$ |
|  | $(3,104$ |
| \$ | 15,034 |
|  | $1.45{ }^{\%}$ |

National Rural has guaranteed debt issued in connection with the construction or acquisition of pollution control, solid waste disposal, industrial development and electric distribution facilities, classified as long-term tax-exempt bonds in the table below. National Rural has unconditionally guaranteed to the holders or to trustees for the benefit of holders of these bonds the full principal, premium, if any, and interest on each bond when due. National Rural has debt service reserve funds in the amount of $\$ 48$ million and $\$ 55$ million at August 31, 2008 and May 31, 2008, respectively, on deposit with the bond trustee that can only be used for covering any deficiencies in the bond principal, premium or interest payments. The member systems have agreed to make up deficiencies in the debt service reserve funds for certain of these issues of bonds. In the event of default by a member system for non-payment of debt service, National Rural is obligated to pay any required amounts under its guarantees, which will prevent the acceleration of the bond issue. The member system is required to repay, on demand, any amount advanced by National Rural with interest, pursuant to the documents evidencing the member system's reimbursement obligation.

Of the amounts shown in the table below, $\$ 329$ million and $\$ 330$ million as of August 31, 2008 and May 31, 2008, respectively, are adjustable or floating/fixed rate bonds that may be converted to a fixed rate as specified in the indenture for each bond offering. During the variable rate period (including at the time of conversion to a fixed rate), National Rural has unconditionally agreed to purchase bonds tendered or put for redemption if the remarketing agents have not previously sold such bonds to other purchasers. National Rural's maximum potential exposure includes guaranteed principal and interest related to the bonds. In addition to these tax-exempt bonds, National Rural was the guarantor, but not liquidity provider, for $\$ 155$ million of tax-exempt bonds that were in the auction rate mode at August 31, 2008 and May 31, 2008. National Rural is unable to determine the maximum amount of interest that it could be required to pay related to the adjustable, floating and auction-rate bonds. See footnote (1) to the table below
for further information about this type of guarantee.

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The following table summarizes total guarantees by type and segment:
(in thousands)
Total by type:
Long-term tax-exempt bonds (1)
Indemnifications of tax benefit
transfers (2)
Letters of credit (3)
Other guarantees (4)
$\quad$ Total

Total by segment:
National Rural:
Distribution
Power supply
Statewide and associate
National Rural total
RTFC
NCSC
Total

August 31, 2008
\$ 496,770
91,519
344,790
100,407
\$ 1,033,486
\$ 196,232
779,596
20,382
996,210
260
37,016
\$ 1,033,486

May 31, 2008
\$ 498,495
94,821
343,424
100,400
\$ 1,037,140
\$ 184,459
786,455
22,785
993,699
260
43,181
\$ 1,037,140
(1) The maturities for this type of guarantee run through 2037. At August 31, 2008, National Rural's maximum potential exposure for the $\$ 13$ million of fixed rate tax-exempt bonds is $\$ 20$ million, representing principal and interest. Many of these bonds have a call provision that in the event of a default would allow National Rural to trigger the call provision. This would limit National Rural's exposure to future interest payments on these bonds. National Rural's maximum potential exposure is secured by a mortgage lien on all of the system's assets and future revenues. However, if the debt is accelerated because of a determination that the interest thereon is not tax-exempt, the system's obligation to reimburse National Rural for any guarantee payments will be treated as a long-term loan.
(2) The maturities for this type of guarantee run through 2015. The amounts shown represent National Rural's maximum potential exposure for guaranteed indemnity payments. Due to changes in federal tax law, no further guarantees of this nature are anticipated.
(3) The maturities for this type of guarantee run through 2018. Additionally, letters of credit totaling $\$ 6$ million at August 31, 2008 have a term of one year and automatically extend for a period of one year unless the Company cancels the agreement within 120 days of maturity (in which case, the beneficiary may draw on the letter of credit). At August 31, 2008, the Company's maximum potential exposure is $\$ 345$ million, of which $\$ 193$ million is secured. When taking into consideration reimbursement obligation agreements that National Rural has in place with other lenders, National Rural's maximum potential exposure related to $\$ 21$ million of letters of credit would be reduced to $\$ 6$ million in the event of default. Security provisions include a mortgage lien on substantially all of the system's assets, future revenues, and the system's commercial paper invested at the Company. In addition to the letters of credit listed in the table, under master letter of credit facilities, the Company may be required to issue up to an additional $\$ 422$ million in letters of credit to third parties for the benefit of its members at August 31, 2008. At May 31,2008 , this amount was $\$ 415$ million.
(4) The maturities for this type of guarantee run through 2025. Of National Rural's maximum potential exposure for guaranteed principal and interest totaling $\$ 100$ million at August 31, 2008, $\$ 3$ million is secured by a mortgage lien on substantially all of the system's assets and future revenues and the remaining $\$ 97$ million is unsecured.

The Company uses the same credit policies and monitoring procedures in providing guarantees as it does for loans and commitments.

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At August 31, 2008 and May 31, 2008, National Rural had a total of $\$ 249$ million and $\$ 236$ million of guarantees, representing 24 percent and 23 percent, respectively, of total guarantees, under which its right of recovery from its members was not secured.
(12) Fair Value of Financial Instruments

Effective June 1, 2008, the Company adopted SFAS 157, Fair Value Measurement ("SFAS 157"), and SFAS 159, The Fair Value Option for Financial Assets and Financial Liabilities - Including an amendment of FASB Statement No. 115 ("SFAS 159").

SFAS 157
SFAS 157 defines fair value, sets out a framework for measuring fair value, and expands disclosure requirements about fair value measurement. SFAS 157, among other things, requires the Company to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.

SFAS 157 establishes the following fair value hierarchy:

- Level 1 - Quoted prices for identical instruments in active markets.
- Level 2 - Quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and model-derived valuations whose inputs are observable or whose significant value drivers are observable.
- Level 3 - Instruments whose significant value drivers are unobservable.

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The Company's only assets and liabilities that are measured at fair value on a recurring or nonrecurring basis are derivative instruments, foreclosed assets and collateral dependent non-performing loans. When a valuation includes inputs from multiple sources resulting in various levels, the Company classifies the valuation category at the lowest level for which the input has a significant effect on the overall valuation.

## Assets and Liabilities Measured at Fair Value on a Recurring Basis

The Company accounts for derivatives in accordance with SFAS 133, which establishes accounting and reporting standards requiring that derivative instruments (including certain derivative instruments embedded in other contracts) be recorded in the consolidated balance sheets as either an asset or liability measured at fair value. Because there is not an active secondary market for the types of derivative instruments the Company uses, it obtains market quotes from the derivative counterparties to adjust all derivatives to fair value on a quarterly basis. The market quotes are based on the expected future cash flow and estimated yield curves.

The Company performs its own analysis to validate the market quotes obtained from the derivative counterparties. The Company adjusts the market values received from the derivative counterparties using credit default swap levels for the counterparties and the Company. The credit default swap levels represent the credit risk premium required by a market participant based on the available information related to the counterparty and the Company. The Company only enters into exchange agreements with highly rated counterparties that participate in the Company's revolving credit agreements. All exchange agreements contain master netting arrangements as part of their ISDA agreements.

The Company records the change in the fair value of its derivatives for each reporting period in the derivative forward value line on the consolidated statements of operations as currently all of its derivatives do not qualify for hedge accounting.

The Company's valuation techniques for derivatives are based upon observable inputs, which reflect market data. Fair value for the Company's derivative instruments falls under Level 2, as described above.

The following table presents the Company's assets and liabilities that are measured at fair value on a recurring basis at August 31, 2008:
(in thousands)

| Level 1 |  | Level 2 | Level 3 |
| :---: | :---: | :---: | :---: |
|  | - | $\$$ | $255,283 \$$ |
|  |  |  |  |
|  |  | 217,391 |  |

Assets and Liabilities Measured at Fair Value on a Nonrecurring Basis
The Company may be required, from time to time, to measure certain assets at fair value on a nonrecurring basis in accordance with GAAP. Any adjustments to fair value usually result from application of lower-of-cost or fair value accounting or write-downs of individual assets.

The Company's foreclosed assets do not meet the criteria to be classified as held for sale at August 31, 2008 and therefore are required to be carried at cost in accordance with SFAS 144. Foreclosed assets are evaluated periodically for impairment by performing a fair value analysis based on estimated future cash flows or in some instances, an assessment of the fair value of the asset or business, which may be provided by a third party consultant. Estimates of future cash flows are subjective and are considered to be a significant input in the valuation. A review for significant changes in the key assumptions and estimates of the fair value analysis is performed on a quarterly basis.

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In certain instances when a loan is non-performing, the Company utilizes the collateral fair value underlying non-performing loans, which may be provided by a third party consultant, in estimating the specific reserve to be applied. In these instances, the valuation is considered to be a nonrecurring item.

For assets measured at fair value on a nonrecurring basis that were still held in the balance sheet at quarter end, the following table provides the level of valuation assumptions used to determine each adjustment, the carrying value of the related individual assets at August 31, 2008, and the total losses for the quarter ended August 31, 2008.

Total losses
for
the quarter
ended August

| (in thousands) | Level 1 |  | Level 2 |  | Level 3 |  |  | 31,2008 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Foreclosed assets, net | \$ | - | \$ | - | \$ | 60,207 | \$ |  |
| Non-performing loans, net of specific reserves |  | - |  | - |  | 264,554 |  | 3,873 |

SFAS 159
SFAS 159 established the fair value option, which permits entities to choose to measure eligible financial instruments at fair value. The Company elected not to measure eligible financial instruments at fair value and therefore the adoption of SFAS 159 did not have an impact on the Company's financial position or results of operations.
(13) Restructured/Non-performing Loans and Contingencies

The Company had the following loans outstanding classified as non-performing and restructured:

|  | August 31, | May 31, | August 31, |  |
| :--- | :---: | :---: | :---: | :---: |
| (in thousands) | 2008 | 2008 | 2007 |  |
| Non-performing loans | $\$$ | 491,585 | $\$$ | 506,864 |

(a) At August 31, 2008, May 31, 2008 and August 31, 2007, all loans classified as non-performing were on a non-accrual status with respect to the recognition of interest income. At August 31, 2008 and May 31, 2008, $\$ 512$ million and $\$ 519$ million, respectively, of restructured loans were on non-accrual status with respect to the recognition of interest income. At August 31, 2007, $\$ 539$ million of restructured loans were on non-accrual status. A total of $\$ 1$ million of interest income was accrued on restructured loans during the three months ended August 31, 2008 and 2007.

Interest income was reduced as follows as a result of holding loans on non-accrual status:

|  | For the three months ended August 31, |  |  |  |
| :--- | :---: | :---: | ---: | ---: |
| (in thousands) |  | 2008 | 2007 |  |
| Non-performing loans | $\$$ | 7,434 | $\$$ | 9,214 |
| Restructured loans |  | 6,704 | 9,341 |  |
| $\quad$ Total | $\$$ | 14,138 | $\$$ | 18,555 |

(b) The Company classified $\$ 1,056$ million and $\$ 1,078$ million of loans as impaired pursuant to the provisions of SFAS 114, Accounting by Creditors for Impairment of a Loan - an Amendment of SFAS 5 and SFAS 15, as amended, at August 31, 2008 and May 31, 2008, respectively. The Company reserved $\$ 326$ million and $\$ 331$ million of the loan loss allowance for such impaired loans at August 31, 2008 and May 31, 2008, respectively. The amount included in the loan loss allowance for such loans was based on a comparison of the present value of the expected future cash flow associated with the loan (discounted at the original contract interest rate) and/or the estimated fair value of the collateral securing the loan to the recorded investment in the loan. Impaired loans may be on accrual or non-accrual status with respect to the recognition of interest income based on a review of the terms of the restructure agreement and borrower performance. The Company accrued a total of $\$ 1$ million of interest income on impaired loans for the three months ended August 31, 2008 and 2007. The average recorded investment in impaired loans for the three months ended August 31, 2008 and 2007 was $\$ 1,061$ million and $\$ 1,099$ million, respectively.

The Company updates impairment calculations on a quarterly basis. Since a borrower's original contract rate may include a variable rate component, calculated impairment could vary with changes to the Company's variable rate, independent of a borrower's underlying financial performance or condition. In addition, the calculated impairment for a borrower will fluctuate based on changes to certain assumptions. Changes to assumptions include, but are not limited to the following:

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> - court rulings,
> - changes to collateral values, and

- changes to expected future cash flows both as to timing and amount.
(c) At August 31, 2008 and May 31, 2008, National Rural had a total of $\$ 512$ million and $\$ 519$ million, respectively, of restructured loans outstanding to Denton County Electric Cooperative, $\mathrm{d} / \mathrm{b} / \mathrm{a}$ CoServ Electric ("CoServ"), a large electric distribution cooperative located in Denton County, Texas, that provides retail electric service to residential and business customers. All restructured loans have been on non-accrual status since January 1, 2001. In addition, a total of $\$ 20$ million was outstanding under the capital expenditure loan facility which was classified as a performing loan at both August 31, 2008 and May 31, 2008. Total loans to CoServ at August 31, 2008 and May 31, 2008 represented 2.6 percent and 2.7 percent, respectively, of the Company's total loans and guarantees outstanding.

Under the terms of a bankruptcy settlement from 2002, National Rural restructured its loans to CoServ. CoServ is scheduled to make quarterly payments to National Rural through December 2037. As part of the restructuring, National Rural may be obligated to provide up to $\$ 204$ million of senior secured capital expenditure loans to CoServ for electric distribution infrastructure through December 2012. When CoServ requests capital expenditure loans from National Rural, these loans are provided at the standard terms offered to all borrowers and require debt service payments in addition to the quarterly

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payments that CoServ is required to make to National Rural. At August 31, 2008, $\$ 20$ million had been advanced to CoServ under this loan facility. To date, CoServ has made all payments required under the restructure agreement and capital expenditure loan facility. Under the terms of the restructure agreement, CoServ has the option to prepay the loan for $\$ 415$ million plus an interest payment true up on or after December 13, 2007 and for $\$ 405$ million plus an interest payment true up on or after December 13, 2008. National Rural has received no notice from CoServ that it intends to prepay the loan.

CoServ and National Rural have no claims related to any of the legal actions asserted prior to or during the bankruptcy proceedings. National Rural's legal claim against CoServ is limited to CoServ's performance under the terms of the bankruptcy settlement.

Based on its analysis, the Company believes that it is adequately reserved for its exposure to CoServ at August 31, 2008.
(d) Innovative Communication Corporation ("ICC") is a diversified telecommunications company and RTFC borrower headquartered in St. Croix, United States Virgin Islands ("USVI"). In the USVI, through its subsidiary Virgin Islands Telephone Corporation d/b/a Innovative Telephone ("Vitelco"), ICC provides cellular, wireline local and long-distance telephone, cable television, and Internet access services. Through other subsidiaries, ICC provides telecommunications, cable television, and Internet access services in the eastern and southern Caribbean and mainland France.

At August 31, 2008 and May 31, 2008, RTFC had $\$ 484$ million and $\$ 492$ million, respectively, in loans outstanding to ICC. All loans to ICC have been on non-accrual status since February 1, 2005. ICC has not made debt service payments to RTFC since June 2005.

RTFC is the primary secured lender to ICC. RTFC's collateral for the loans included (i) a series of mortgages, security agreements, financing statements, pledges and guaranties creating liens in favor of RTFC on substantially all of the assets and voting stock of ICC, (ii) a direct pledge of 100 percent of the voting stock of ICC's USVI local exchange carrier subsidiary, Vitelco, (iii) secured guaranties, mortgages and direct and indirect stock pledges encumbering the assets and ownership interests in substantially all of ICC's other operating subsidiaries and certain of its parent entities, including ICC's immediate parent, Emerging Communication, Inc., a Delaware corporation ("Emcom") and Emcom's parent, Innovative Communication Company LLC, a Delaware limited liability company ("ICC-LLC"), and (iv) a personal guaranty of the loans from ICC's indirect majority shareholder and chairman, Jeffrey Prosser ("Prosser").

Beginning on June 1, 2004, RTFC filed a series of lawsuits against ICC, Prosser and others for failure to comply with the terms of ICC's loan agreement with RTFC dated August 27, 2001 as amended on April 4, 2003. In response to the lawsuits filed by RTFC, ICC, Vitelco and Prosser denied liability and asserted claims, by way of counterclaim and by filing its own lawsuits against RTFC, National Rural and certain of RTFC's officers, seeking various remedies, including reformation of the loan agreement, injunctive relief, and damages (together with the RTFC claims, the "Loan Litigation").

In February 2006, involuntary bankruptcy petitions were filed against Prosser, Emcom and ICC-LLC; and on April 26, 2006, RTFC reached a settlement of the Loan Litigation with ICC, Vitelco, ICC-LLC, Emcom, their directors and Prosser, individually. Under the settlement, RTFC obtained entry of judgments in the District Court for the District of the Virgin Islands against ICC for approximately $\$ 525$ million and Prosser for approximately $\$ 100$ million. RTFC also obtained dismissals with prejudice of all counterclaims, affirmative defenses and other lawsuits alleging wrongful acts by RTFC, certain of its officers, and National Rural, thereby resolving all the Loan Litigation in RTFC's favor.

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Although the judgment debtors and others were given an opportunity to satisfy the judgments at a discount, on July 31, 2006, ICC-LLC, Emcom and Prosser each filed a voluntary bankruptcy petition for reorganization. The cases are pending in the United States District Court for the Virgin Island, Bankruptcy Division (the "Bankruptcy Court"). A Chapter 11 trustee, Stan Springel, was later appointed for the ICC-LLC and Emcom estates; and Prosser's individual case was converted to Chapter 7 liquidation in October 2007. Prosser's Chapter 7 trustee is in the process of marshaling Prosser's non-exempt assets for disposition and eventual payment in respect of creditor claims.

On September 21, 2007, the Bankruptcy Court entered an order placing ICC in its own bankruptcy proceeding, and on October 3, 2007 appointed Stan Springel as its trustee. The Chapter 11 trustee of ICC has assumed ownership and control of ICC, including its subsidiaries, and has begun to marshal RTFC collateral and other assets, including property in Prosser's possession or control, for disposition and eventual payment in respect of RTFC's claims and the claims of other parties-in-interest.

In most cases, the sale (as part of the Chapter 11 cases) of ICC or any of its subsidiaries engaged in a regulated telecommunications or cable television business, or of the regulated assets of ICC or its subsidiaries, will require the prior consent of the respective regulators in the United States (including the Federal Communications Commission and the U.S.

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Virgin Islands Public Services Commission), the British Virgin Islands, France and its Caribbean territories, and the Netherlands Antilles. In certain limited cases, only a post-transaction notification will be required.

Based on its analysis, the Company believes that it is adequately reserved for its exposure to ICC at August 31, 2008.
(e) At August 31, 2008 and May 31, 2008, National Rural had a total of $\$ 52$ million in restructured loans outstanding to Pioneer Electric Cooperative, Inc. ("Pioneer"). Pioneer was current with respect to all debt service payments at August 31, 2008. All loans to Pioneer remain on accrual status with respect to the recognition of interest income. National Rural is the principal creditor to Pioneer.

Based on its analysis, the Company believes that it is adequately reserved for its exposure to Pioneer at August 31, 2008.

## (14) Segment Information

The Company's consolidated financial statements include the financial results of National Rural, RTFC and NCSC. Financial statements are produced for each of the three companies and are the primary reports that management reviews in evaluating performance. The National Rural segment includes the consolidation of entities controlled by National Rural and created to hold foreclosed assets and facilitate loan securitization transactions and intercompany transaction elimination entries. The segment presentation for the three months ended August 31, 2008 and 2007 reflect the operating results of each of the three companies as a separate segment.

National Rural is the sole lender to RTFC and the primary source of funding for NCSC. NCSC also obtains funding from third parties with a National Rural guarantee. Thus, National Rural takes all of the risk related to the funding of the loans to RTFC and NCSC, and in return, National Rural earns a net interest income on the loans to RTFC and NCSC.

Pursuant to guarantee agreements, National Rural has agreed to indemnify RTFC and NCSC for loan losses, with the exception of the NCSC consumer loan program. Thus, National Rural maintains the majority of the total consolidated loan loss allowance. A small loan loss allowance is maintained by NCSC to cover its consumer loan exposure.

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The following table contains consolidated statements of operations for the three months ended August 31, 2008, and consolidated balance sheets at August 31, 2008.

| (in thousands) | National Rural |  | RTFC | NCSC | Consolidated |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Statement of Operations: |  |  |  |  |  |
| Interest income | 239,420 | \$ | 19,572 | \$ 7,526 | \$ 266,518 |
| Interest expense | $(197,006)$ |  | $(18,246)$ | $(5,057)$ | $(220,309)$ |
| Net interest income | 42,414 |  | 1,326 | 2,469 | 46,209 |
| Provision for loan losses | $(10,681)$ |  | - | - | $(10,681)$ |
| Net interest income after |  |  |  |  | 35,528 |
| provision for loan losses | 31,733 |  | 1,326 | 2,469 |  |
| Non-interest income: |  |  |  |  |  |
| Rental and other income | 41 |  | - | 140 | 181 |
| Derivative cash settlements | 1,625 |  | - | $(1,194)$ | 431 |
| Results of operations from |  |  |  |  | 1,246 |
| foreclosed assets | 1,246 |  | - | - |  |
| Total non-interest income | 2,912 |  | - | $(1,054)$ | 1,858 |
| Non-interest (expense) income: |  |  |  |  |  |
| General and administrative | ) |  | ) | ) | $(14,593)$ |
| expenses | (12,141 |  | (1,325 | (1,127 |  |
| Recovery of guarantee |  |  |  |  | 705 |
| liability | 705 |  | - | - |  |
| Derivative forward value | $(8,738)$ |  | - | $(2,290)$ | $(11,028)$ |
| Total non-interest expense | $(20,174)$ |  | $(1,325)$ | $(3,417)$ | $(24,916)$ |
| Income (loss) prior to income taxes and minority |  |  |  |  |  |
| interest | 14,471 |  | 1 | $(2,002)$ | 12,470 |
| Income tax benefit | - |  | - | 760 | 760 |
| Income (loss) per segment reporting | 14,471 | \$ | 1 | $\left.\begin{array}{cc}  \\ & \\ (1,242 \end{array}\right)$ | \$ 13,230 |
| Reconciliation of net income: |  |  |  |  |  |
| Net income per segment |  |  |  |  | \$ 13,230 |
| reporting |  |  |  |  |  |
| Minority interest, net of |  |  |  |  | 1,241 |
| income taxes |  |  |  |  |  |
| Net income per consolidated statement of operations |  |  |  |  | \$ 14,471 |
| Assets: |  |  |  |  |  |
| Total loans outstanding | \$17,242,464 |  | 1,705,004 | \$415,016 | \$ 19,362,484 |
| Deferred origination fees | 2,867 |  | - | - | 2,867 |
| Less: Allowance for loan | ) |  |  | ) | $(522,597)$ |
| losses | (522,351 |  | - | (246 |  |
| Loans to members, net | 16,722,980 |  | 1,705,004 | 414,770 | 18,842,754 |

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Other assets
Total assets

| $2,036,560$ | 189,604 | 46,313 | $2,272,477$ |
| ---: | ---: | ---: | ---: |
| $\$ 18,759,540$ | $\$ 1,894,608$ | $\$ 461,083$ | $\$ 21,115,231$ |

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The following table contains the consolidated statement of operations for the three months ended August 31, 2007 and consolidated balance sheet information at August 31, 2007.

| (in thousands) | National Rural |  | RTFC |  | NCSC |  | Consolidated |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statement of Operations: |  |  |  |  |  |  |  |  |
| Interest income | \$ | 234,806 | \$ | 24,029 | \$ | 9,119 | \$ | 267,954 |
| Interest expense |  | $(216,761)$ |  | $(22,630)$ |  | $(7,934)$ |  | $(247,325)$ |
| Net interest income |  | 18,045 |  | 1,399 |  | 1,185 |  | 20,629 |
| Non-interest income: |  |  |  |  |  |  |  |  |
| Rental and other income |  | 189 |  | - |  | 162 |  | 351 |
| Derivative cash settlements |  | 8,165 |  | - |  | 164 |  | 8,329 |
| Results of operations from |  |  |  |  |  |  |  |  |
| foreclosed assets |  | 1,960 |  | - |  | - |  | 1,960 |
| Total non-interest income |  | 10,314 |  | - |  | 326 |  | 10,640 |


| Non-interest (expense) income: |  |  |  |  |
| :--- | ---: | :---: | :---: | :---: |
| General and administrative | $(11,261$ | $(1,179)$ | $(870)$ | $(13,310)$ |
| expenses | 2,100 | - | - | 2,100 |
| Recovery of guarantee liability | $(30,062)$ | - | $(3,538)$ | $(33,600)$ |
| Derivative forward value | $(518)$ | - | - | $(518)$ |
| Loss on sale of loans | $(39,741)$ | $(1,179)$ | $(4,408)$ | $(45,328)$ |
| Total non-interest expense |  |  |  |  |

(Loss) income prior to income taxes and minority
interest
Income taxes
Net (loss) income per segment reporting

Reconciliation of net loss:
Net loss per segment reporting
Minority interest, net of income
taxes
Net loss per consolidated statement
of operations
Assets:

| Loans to members | $\$ 15,758,812$ | $\$ 1,812,947$ | $\$ 465,555$ | $\$ 18,037,314$ |
| :--- | :---: | ---: | ---: | ---: |
| $\quad$ Less: Allowance for loan losses | $(544,561)$ | - | $(518)$ | $(545,079)$ |
| Loans to members, net | $15,214,251$ | $1,812,947$ | 465,037 | $17,492,235$ |
| Other assets | 650,732 | 198,876 | 45,484 | 895,092 |
| $\quad$ Total assets | $\$ 15,864,983$ | $\$ 2,011,823$ | $\$ 510,521$ | $\$ 18,387,327$ |

## (15) Subsequent Events

In September 2008, the Company closed on a $\$ 500$ million FFB loan facility under the REDLG program and received an advance for the full amount available under the facility. The $\$ 500$ million advance has a 2028 maturity date.

In September 2008, Lehman Brothers Holding Company Inc. ("LBHI") announced that it had filed a petition under Chapter 11 of the U.S. Bankruptcy Code with the United States Bankruptcy Court for the Southern District of New York. LBHI also announced that none of the broker dealer or other subsidiaries of LBHI were included in the Chapter 11 filing. The directors of certain United Kingdom affiliates of LBHI also have taken steps to place those companies into administration. On September 19, 2008, the United States District Court ordered the liquidation of Lehman Brothers Inc. under the Securities Investor Protection Act of 1970. The liquidation is now being administered under the auspices of United States Bankruptcy Court, along with the bankruptcy of LBHI.

As an active participant in the capital markets, National Rural has numerous business relationships with LBHI and its subsidiaries. Among those relationships, Lehman Brothers Specialty Finance Inc. ("LBSF"), is the counterparty (with an LBHI guarantee) to seven interest rate swaps, and Lehman Brothers Bank, FSB ("LBB") is a participant for up to $\$ 239$ million of National Rural's $\$ 3.65$ billion revolving credit facility.

At August 31, 2008, the seven interest rate swaps to which LBSF was a counterparty had a recorded fair market value of $\$ 27$ million. As a result of the bankruptcy filing of LBHI, National Rural terminated the interest rate swaps with LBSF on September 26, 2008. A payment is due to National Rural from LBSF totaling $\$ 26$ million representing the termination net settlement amount on that day, in accordance with the terms of the contract. On October 3, 2008, LBSF filed a petition under Chapter 11 of the U.S. Bankruptcy Code with the United States Bankruptcy Court for the Southern District of New York. National Rural is currently evaluating the collectability of the required payments under the contractual terms of the interest rate swaps.

At August 31, 2008, there were no amounts outstanding under the revolving credit facility or due to LBB. On October 7, 2008, the Company was unable to issue the amount of commercial paper necessary to fund its needs as a result of the instability in the overall credit markets. As a result, the Company drew down $\$ 418.5$ million of its $\$ 3.65$ billion revolving credit facility by borrowing from the $\$ 1.5$ billion 364 -day agreement. As the amount borrowed did not exceed 50 percent of total commitments, there is no utilization fee on the outstanding balance. LBB did not fund their portion of the draw and the Company does not believe that LBB's $\$ 239$ million portion of the credit facility will be available in the future. The Company believes that if accessing the credit markets continues to be difficult, the remaining amounts in the credit facility will be adequate to fund its operations in the near term.

In September and October 2008, the Company was required to purchase a total of $\$ 57$ million of tax-exempt bonds pursuant to its obligation as liquidity provider. As a result, the Company will be required to hold the bonds until the remarketing agent is able to place them with third-party investors. During this period, the Company is entitled to receive a default rate of interest on many of the bonds that is higher than the rate investors typically receive on similar bonds in the tax-exempt market. On October $15,2008, \$ 8$ million of the tax-exempt bonds held by the Company will be redeemed as a result of a mandatory sinking fund payment.

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Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.
Unless stated otherwise, references to the Company relate to the consolidation of National Rural Utilities Cooperative Finance Corporation ("National Rural" or "the Company"), Rural Telephone Finance Cooperative ("RTFC"), National Cooperative Services Corporation ("NCSC") and certain entities controlled by National Rural and created to hold foreclosed assets and effect loan securitization transactions. The following discussion and analysis is designed to provide a better understanding of the Company's consolidated financial condition and results of operations and as such should be read in conjunction with the consolidated financial statements, including the notes thereto. National Rural refers to its financial measures that are not in accordance with generally accepted accounting principles ("GAAP") as "adjusted" throughout this document. See Non-GAAP Financial Measures, for further explanation of why the non-GAAP measures are useful and for a reconciliation to GAAP amounts.

This Form 10-Q contains forward-looking statements within the meaning of the Securities Act of 1933, as amended, and the Exchange Act of 1934, as amended. Forward-looking statements, which are based on certain assumptions and describe our future plans, strategies and expectations, are generally identified by our use of words such as "intend," "plan," "may," "should," "will," "project," "estimate," "anticipate," "believe," "expect," "continue," "potential," "opportunity," and similar expressions, whether in the negative or affirmative. All statements that address expectations or projections about the future, including statements about loan growth, the adequacy of the loan loss allowance, net income growth, leverage and debt to equity ratios, and borrower financial performance are forward-looking statements. Although we believe that the expectations reflected in our forward-looking statements are based on reasonable assumptions, actual results and performance could differ materially from those set forth in the forward-looking statements. Factors that could cause future results to vary from current expectations include, but are not limited to, general economic conditions, legislative changes, governmental monetary and fiscal policies, changes in tax policies, changes in interest rates, demand for our loan products, changes in the quality or composition of our loan and investment portfolios, changes in accounting principles, policies or guidelines, and other economic and governmental factors affecting our operations. Some of these and other factors are discussed in our annual and quarterly reports previously filed with the Securities and Exchange Commission ("SEC"). Except as required by law, we undertake no obligation to update or publicly release any revisions to forward-looking statements to reflect events, circumstances or changes in expectations after the date on which the statement is made.

The information contained in this section should be read in conjunction with our consolidated financial statements and related notes and the information contained elsewhere in this Form 10-Q, in addition to Part I, Item 1A, Risk Factors in the Company's Form 10-K for the year ended May 31, 2008.

## Business Overview

In this report the Company will provide analysis on its results of operations, financial condition, liquidity and market risk. The Company will also provide analysis of trends and significant transactions completed in the period covered by the report.

The Company provides financial products to its rural electric and telecommunications members at a low cost in relation to the financial performance and strength required to maintain strong credit ratings. The Company's access to the capital markets at levels that allow it to keep cost to the members low is dependent on maintaining strong credit ratings. See page 44 for detail on the current ratings for the Company's public debt.

## Financial Overview

## Results of Operations

The Company uses a times interest earned ratio ("TIER") instead of the dollar amount of net interest income or net income as its primary performance indicator, since its net income in dollar terms is subject to fluctuation as total loans

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outstanding and/or interest rates change. TIER is a measure of the Company's ability to cover the interest expense on its debt obligations. TIER is calculated by dividing the sum of interest expense and the net income prior to the cumulative effect of change in accounting principle by the interest expense. Adjusted net income is calculated by excluding the impact of derivatives and including minority interest. Adjusted TIER is calculated by using adjusted net income and including all derivative cash settlements in the interest expense. See Non-GAAP Financial Measures for more information on the adjustments the Company makes to its financial results for the purposes of its own analysis and covenant compliance.

For the three months ended August 31, 2008, the Company reported net income of $\$ 14$ million and TIER of 1.07, compared with a net loss of $\$ 11$ million and therefore a TIER calculation resulting in a value below 1.00 for the prior-year period. For the three months ended August 31, 2008, the Company reported an adjusted net income of $\$ 24$ million and adjusted TIER of 1.11, compared with an adjusted net income of $\$ 20$ million and adjusted TIER of 1.09 for the prior-year period. The $\$ 26$ million increase in net income for the three months ended August 31, 2008 compared with the prior-year period was primarily due to the $\$ 23$ million increase in the derivative forward value.

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For the three months ended August 31, 2008, the Company's earnings were negatively affected by the level of loans on non-accrual status. Holding loans on non-accrual status resulted in foregone interest of $\$ 14$ million for the three months ended August 31, 2008 compared with $\$ 19$ million for the three months ended August 31, 2007. The Company expects the outstanding balance of loans on non-accrual status to decrease during fiscal year 2009 due to principal repayments and the proceeds from asset sales. In addition, it is expected that Denton County Electric Cooperative, Inc. d/b/a CoServ Electric ("CoServ") will make scheduled quarterly payments totaling $\$ 28$ million in fiscal year 2009, which will all be applied as a reduction to principal.

The reduction to the amount of loans on non-accrual status should contribute to an increase to the adjusted net interest margin during fiscal year 2009. The calculated impairment on the Company's loans increases or decreases with changes in interest rates because the impairment amount is calculated by discounting future cash flows using the original contract rate on the loan, a portion of which is based on the Company's variable interest rate. Changes to the Company's variable interest rates will be based on the underlying cost of funding, competition and other factors. Based on the current balance of impaired loans at August 31, 2008, an increase or decrease of 25 basis points to the Company's variable interest rates results in an increase or decrease of approximately $\$ 9$ million, respectively, to the calculated impairment on loans irrespective of a change in the credit fundamentals of the impaired borrower. On October 1, 2008, National Rural increased variable interest rates by 50 basis points.

Financial Condition
At August 31, 2008, the Company's total loans outstanding increased by $\$ 335$ million or two percent as compared with May 31, 2008 primarily as a result of a $\$ 356$ million increase in National Rural's loan portfolio, partially offset by a $\$ 22$ million decrease in RTFC's loan portfolio. The reduction to the telecommunications total exposure has also resulted in a reduction in the average exposure per RTFC borrower. See further discussion of the Company's loan portfolio in "Loan and Guarantee Portfolio Assessment."

The Company expects that the balance of the loan portfolio will remain relatively stable during fiscal year 2009. Loans from the Federal Financing Bank ("FFB"), a division of the U.S. Treasury Department, with a Rural Utilities Service ("RUS") guarantee, represent a lower cost option for rural electric utilities compared to loans from the Company. The Company anticipates that the majority of its electric loan growth will come from distribution system borrowers that have fully prepaid their RUS loans and choose not to return to the government loan program, from distribution system borrowers that do not want to wait the 12 to 24 months it may take RUS to process and fund a loan and from power supply systems. The Company anticipates that the RTFC loan balance will continue to slowly decline due to long-term loan amortization, the strong liquidity position of rural telecommunications companies, a general slowdown in merger and acquisition activities and low demand for capital expenditure financing.

For the three months ended August 31, 2008, short-term debt increased by $\$ 1,771$ million and long-term debt decreased by $\$ 186$ million. The increase in short-term debt was due to a combination of a $\$ 1,048$ million shift of long-term debt to short-term debt as the debt reached its final year to maturity and the prefunding of the majority of $\$ 1,545$ million of debt scheduled to mature in September and October 2008. The proceeds of this prefunding of debt contributed to the $\$ 1,352$ million increase in cash and cash equivalents during the three months ended August 31, 2008. The decrease in long-term debt due to the shift to short-term debt was offset by the issuance of $\$ 1,300$ million of long-term collateral trust bonds. In September 2008, the Company received $\$ 500$ million in additional funding from the FFB under a loan facility with a guarantee of repayment by the RUS as part of the funding mechanism for the Rural Economic Development Loan and Grant ("REDLG") program. The $\$ 500$ million advance has a 2028 maturity date.

Total equity decreased $\$ 71$ million from May 31, 2008 to August 31, 2008 primarily due to the board authorized patronage capital retirement totaling $\$ 85$ million offset by net income of $\$ 14$ million for the three months ended August 31, 2008. The Company's reported equity balance fluctuates based on the changes in earnings which are

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significantly affected by changes in the fair value of the Company's derivative instruments. The fair values of these derivative instruments are very sensitive to changes in interest rates. As a result, it is difficult to predict the future changes in the Company's reported equity due to the uncertainty of the movement in future interest rates. In its internal analysis and for purposes of covenant compliance under its credit agreements, the Company adjusts equity to exclude the non-cash impacts of Statement of Financial Accounting Standards ("SFAS") 133, Accounting for Derivative Instruments and Hedging Activities, as amended ("SFAS 133"), and SFAS 52, Foreign Currency Translation ("SFAS 52").

## Liquidity

At August 31, 2008, the Company had $\$ 3,874$ million of commercial paper, daily liquidity fund and bank bid notes and $\$ 4,225$ million of medium-term notes, collateral trust bonds and long-term notes payable scheduled to mature during the next 12 months. Members held commercial paper (including the daily liquidity fund) totaling $\$ 1,446$ million or approximately 40 percent of the total commercial paper outstanding at August 31, 2008. Commercial paper issued through dealers and bank bid

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notes totaled $\$ 2,294$ million and represented 12 percent of total debt outstanding at August 31, 2008. The Company intends to maintain the balance of dealer commercial paper and bank bid notes at 15 percent or less of total debt outstanding during fiscal year 2009. During the next 12 months, the Company plans to replace the maturing $\$ 4,225$ million of medium-term notes, collateral trust bonds and long-term notes payable and fund new loan growth by issuing a combination of commercial paper, medium-term notes, collateral trust bonds and other debt.

The Company uses member loan repayments, capital market debt issuances, private debt issuances, member investments, and net income to fund its operations. In addition, National Rural maintains both short-term and long-term bank lines in the form of revolving credit agreements. Members pay a small membership fee and are typically required to purchase subordinated certificates as a condition to receiving a long-term loan advance and as a condition of membership. National Rural has a need for funding to make loan advances to its members, to make interest payments on its public and private debt and to make payments of principal on its maturing debt. To facilitate open access to the capital markets, National Rural is a regular issuer of debt, maintains strong credit ratings and has shelf registration statements on file with the SEC. The Company qualifies as a well-known seasoned issuer under the SEC rules. Additionally, the Company has Board authorization to issue up to $\$ 1$ billion of commercial paper and $\$ 4$ billion of medium-term notes in the European market and $\$ 2$ billion of medium-term notes in the Australian market. In addition, the Company had $\$ 3.65$ billion in unused lines of credit with financial institutions available to draw upon at August 31, 2008.

The turmoil in the credit markets subsequent to August 31, 2008 has had an effect on the Company's ability and cost of raising debt. The ability of companies to raise short-term debt (commercial paper) has been hampered by the credit crunch resulting from the overall economic environment. While the Company has been able to meet its funding needs, the debt issued since August 31, 2008 has been at a higher cost and, in many instances, the debt raised has had a shorter tenor than anticipated. The slightly higher spread paid on dealer commercial paper since August 31, 2008 has not had a significant impact on National Rural's funding cost, as dealer commercial paper represented only 10 percent of total debt at August 31, 2008.

In the first quarter of fiscal year 2009, the Company was able to prefund much of its debt scheduled to mature in September and October 2008. One of the strategies the Company may employ to decrease its reliance on the commercial paper market is to seek to issue long-term funding to members, in the capital markets or in private debt placements.

In September 2008, Lehman Brothers Holding Company Inc. ("LBHI") announced that it had filed a petition under Chapter 11 of the U.S. Bankruptcy Code with the United States Bankruptcy Court for the Southern District of New York. LBHI also announced that none of the broker dealer or other subsidiaries of LBHI were included in the Chapter 11 filing. The directors of certain United Kingdom affiliates of LBHI also have taken steps to place those companies into administration. On September 19, 2008, the United States District Court ordered the liquidation of Lehman Brothers Inc. under the Securities Investor Protection Act of 1970. The liquidation is now being administered under the auspices of United States Bankruptcy Court, along with the bankruptcy of LBHI.

As an active participant in the capital markets, National Rural has numerous business relationships with LBHI and its subsidiaries. Among those relationships, Lehman Brothers Specialty Finance Inc. ("LBSF"), is the counterparty (with an LBHI guarantee) to seven interest rate swaps, and Lehman Brothers Bank, FSB ("LBB") is a participant for up to $\$ 239$ million of National Rural's $\$ 3.65$ billion revolving credit facility. At August 31, 2008, there were no amounts outstanding under the revolving credit facility or due to LBB.

At August 31, 2008, the seven interest rate swaps to which LBSF was a counterparty had a recorded fair market value of $\$ 27$ million. As a result of the bankruptcy filing of LBHI, National Rural terminated the interest rate swaps with LBSF on September 26, 2008. A payment is due to National Rural from LBSF totaling $\$ 26$ million representing the

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termination net settlement amount on that day, in accordance with the terms of the contract. On October 3, 2008, LBSF filed a petition under Chapter 11 of the U.S. Bankruptcy Code with the United States Bankruptcy Court for the Southern District of New York. National Rural is currently evaluating the collectability of the required payments under the contractual terms of the interest rate swaps.

On October 7, 2008, the Company was unable to issue the amount of commercial paper necessary to fund its needs as a result of the instability in the overall credit markets. As a result, the Company drew down $\$ 418.5$ million of its $\$ 3.65$ billion revolving credit facility by borrowing from the $\$ 1.5$ billion 364-day agreement. LBB did not fund their portion of the draw and the Company does not believe that LBB's $\$ 239$ million portion of the credit facility will be available in the future. The Company believes that if accessing the credit markets continues to be difficult, the remaining amounts in the credit facility will be adequate to fund its operations in the near term. As the amount borrowed did not exceed 50 percent of total commitments, there is no utilization fee on the outstanding balance.

At August 31, 2008 and May 31, 2008 the Company was the guarantor and liquidity provider for $\$ 329$ million and $\$ 330$ million, respectively of tax-exempt bonds issued for its member cooperatives. In September and October 2008, the Company was required to purchase a total of $\$ 57$ million of tax-exempt bonds pursuant to its obligation as liquidity provider. As a
result, the Company will be required to hold the bonds until the remarketing agent is able to place them with third-party investors. During this period, the Company is entitled to receive a default rate of interest on many of the bonds that is higher than the rate investors typically receive on similar bonds in the tax-exempt market. On October $15,2008, \$ 8$ million of the tax-exempt bonds held by the Company will be redeemed as a result of a mandatory sinking fund payment.

## New Accounting Pronouncements

In December 2007, the FASB issued SFAS 160, Noncontrolling Interests in Consolidated Financial Statements, an amendment of Accounting Research Bulletin ("ARB") No. 51, Consolidated Financial Statements ("SFAS 160"), to establish accounting and reporting standards for the noncontrolling interests in a subsidiary and for the deconsolidation of a subsidiary. It also amends certain of ARB 51's consolidation procedures for consistency with the requirements of SFAS 141, Business Combinations. Noncontrolling interests shall be reclassified to equity, consolidated net income shall be adjusted to include net income attributable to noncontrolling interests and consolidated comprehensive income shall be adjusted to include comprehensive income attributable to the noncontrolling interests. This statement is effective for fiscal years beginning on or after December 15, 2008. The Company's adoption of SFAS 160 on June 1, 2009 is not expected to have a material impact on the Company's financial position or results of operations.

In March 2008, the FASB issued SFAS 161, Disclosures about Derivative Instruments and Hedging Activities ("SFAS 161 "). This statement requires enhanced disclosures about an entity's derivative and hedging activities. The statement is effective for fiscal years beginning after November 15, 2008. The Company's adoption of SFAS 161 on June 1, 2009 is not expected to have an impact on the Company's financial position or results of operations.

Results of Operations
Three Months Ended August 31, 2008 versus August 31, 2007
The following table presents the results of operations for the three months ended August 31, 2008 versus 2007.

| (dollar amounts in thousands) | For the three 2008 | $\begin{gathered} \text { ded August 31, } \\ 2007 \end{gathered}$ | Increase/ <br> (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: |
| Interest income | \$ 266,518 | \$ 267,954 | \$ | $(1,436)$ |
| Interest expense | $(220,309)$ | $(247,325)$ |  | 27,016 |
| Net interest income | 46,209 | 20,629 |  | 25,580 |
| Provision for loan losses | $(10,681)$ |  |  | $(10,681)$ |
| Net interest income after provision for loan losses | 35,528 | 20,629 |  | 14,899 |
| Non-interest income: |  |  |  |  |
| Rental and other income | 181 | 351 |  | (170) |
| Derivative cash settlements | 431 | 8,329 |  | $(7,898)$ |
| Results of operations from foreclosed assets | 1,246 | 1,960 |  | (714) |
| Total non-interest income | 1,858 | 10,640 |  | $(8,782)$ |
| Non-interest (expense) income: |  |  |  |  |
| Salaries and employee benefits | $(9,851)$ | $(8,823)$ |  | $(1,028)$ |
| Other general and administrative expenses | $(4,742)$ | $(4,487)$ |  | (255) |
| Recovery of guarantee liability | 705 | 2,100 |  | $(1,395)$ |
| Derivative forward value | $(11,028)$ | $(33,600)$ |  | 22,572 |
| Loss on sale of loans | - | (518) |  | 518 |


| Total non-interest expense |  | $(24,916)$ |  | $(45,328)$ |  | 20,412 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income (loss) prior to income taxes and minority interest |  | 12,470 |  | $(14,059)$ |  | 26,529 |
| Income tax benefit |  | 760 |  | 1,099 |  | (339) |
| Minority interest, net of income taxes |  | 1,241 |  | 1,578 |  | (337) |
| Net income (loss) | \$ | 14,471 | \$ | $(11,382)$ | \$ | 25,853 |
| TIER |  | 1.07 |  | - |  |  |
| Adjusted TIER (1) |  | 1.11 |  | 1.09 |  |  |

5(1) Adjusted to exclude the impact of the derivative forward value from net income, to include minority interest in net income and to include all derivative cash settlements in the interest expense. See Non-GAAP Financial Measures for further explanation and a reconciliation of these adjustments.

The following table summarizes the Company's operating results expressed as an annualized percentage of average loans outstanding.

|  | For the three months ended |
| :--- | :---: | :---: | :---: |
| Increase/ |  |

and minority interest (2)
(1) Adjusted to include derivative cash settlements in the interest expense. See Non-GAAP Financial Measures, for further explanation and a reconciliation of these adjustments.
(2) Adjusted to exclude derivative forward value. See Non-GAAP Financial Measures, for further explanation and a reconciliation of these adjustments.

The Company's net interest income will increase or decrease due to changes in loan volume and the interest rates that it receives on its loans and pays on its sources of funding. The Company's loan volume substantially determines its funding needs. The following Rate Volume Variance Table provides a breakout of the change to interest income, interest expense and net interest income due to changes in loan volume versus changes to interest rates. For comparability purposes, average daily loan volume is used as the denominator in calculating interest income yield, interest expense rates and net interest margin.

The following table also includes a breakout of the change to derivative cash settlements due to changes in the average notional amount of its derivative portfolio versus changes to the net difference between the average rate paid and the average rate received. Management calculates an adjusted interest expense, which includes all derivative cash settlements, in interest expense. See Non-GAAP Financial Measures for further explanation of the adjustment the Company makes in its financial analysis to include all derivative cash settlements in its interest expense.

Rate Volume Variance Table
(Dollar amounts in millions)

For the three months ended August 31, 20082007

Change due to


Interest

| expense: <br> National | $\$ 17,045$ | $\$(197)(4.59) \%$ | $\$ 15,820$ | $\$$ | $(217)$ | $(5.44) \%$ | $\$(17)$ | $\$ 37$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |$\$ 20$

Net interest income:

| National <br> Rural | \$17,045 | \$ | 42 | 0.98\% | \$ 15,820 | \$ | 18 | 0.45\% | \$ | 1 | \$ 23 | \$ 24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RTFC | 1,711 |  | 2 | 0.31 | 1,855 |  | 2 | 0.30 |  | - |  | - |
| NCSC | 415 |  | 2 | 2.36 | 462 |  | 1 | 1.02 |  | - | 1 | 1 |
| Total | \$19,171 | \$ | 46 | 0.96 | \$ 18,137 | \$ | 21 | 0.46 | \$ | 1 | \$ 24 | \$ 25 |


| Derivative cash settlements (3): |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| National | \$13,482 | \$ | 1 | 0.05\% | \$ 12,424 | \$ | 8 | 0.26\% | \$ | - | \$ (7) | \$ (7) |
| Rural |  |  |  |  |  |  |  |  |  |  |  |  |
| NCSC | 196 |  |  | (2.42) | 210 |  |  | - |  | - | (1) | (1) |
| Total | \$13,678 | \$ | - | - | \$ 12,634 | \$ | 8 | 0.26 | \$ | - | \$ (8) | \$ (8) |
| Adjusted interest expense (4): |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | \$19,171 | \$ | 20) | (4.56)\% | \$ 18,137 | \$ | (239) | (5.23)\% |  |  | \$ 33 | \$ 19 |

(1) Variance due to volume is calculated using the following formula: (current period average balance - prior-year period average balance) x prior-year period average rate.
(2) Variance due to rate is calculated using the following formula: (current period average rate - prior-year period average rate) x current period average balance.
(3) For derivative cash settlements, average loan balance represents the average notional amount of derivative instruments outstanding and the rate represents the net difference between the average rate paid and the average rate received for cash settlements during the period.
(4) See Non-GAAP Financial Measures, for further explanation of the adjustment the Company makes in its financial analysis to include the derivative cash settlements in its interest expense.

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Interest Income
Total interest income reported on the consolidated statements of operations and shown in the Rate Volume Variance
Table above is summarized as follows by income type and as a percentage of average loans outstanding:

|  | For the three months ended August 31, 2008 <br> 2007 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (dollar amounts in thousands) | Amount | Rate | Amount | Rate | Increase/ <br> (Decrease) |
| Interest on long-term fixed rate loans (1) | \$224,402 |  | \$214,560 |  | \$ 9,842 |
| Interest on long-term variable rate loans (1) | 15,180 |  | 24,549 |  | $(9,369)$ |
| Interest on short-term loans (1) | 19,504 |  | 20,348 |  | (844) |
| Total interest income on loans | 259,086 | 5.36 \% | 259,457 | 5.67\% | (371) |
| Interest on investments (2) | 2,181 | 0.04 | 2,936 | 0.07 | (755) |
| Conversion fees (3) | 1,703 | 0.04 | 1,774 | 0.04 | (71) |
| Make-whole and prepayment fees (4) | 827 | 0.02 | 1,689 | 0.04 | (862) |
| Commitment and guarantee fees (5) | 1,869 | 0.04 | 1,535 | 0.02 | 334 |
| Other fees | 852 | 0.02 | 563 | 0.02 | 289 |
| Total interest | \$266,518 | 5.52 \% | \$267,954 | 5.86\% | \$ 1,436 ) |

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(1) Represents interest income on loans to members.
(2) Represents interest income on the investment of excess cash.
(3) Conversion fees are deferred and recognized using the interest method over the remaining original loan interest rate pricing term, except for a small portion of the total fee charged to cover administrative costs related to the conversion, which is recognized immediately.
(4) Make-whole and prepayment fees are charged for the early repayment of principal and are recognized when collected.
(5) Commitment fees for RTFC loan commitments are, in most cases, refundable on a pro rata basis according to the amount of the loan commitment that is advanced. Such refundable fees are deferred and then recognized on a pro rata basis based on the portion of the loan that is not advanced prior to the expiration of the commitment. Commitment fees on National Rural loan commitments are not refundable and are billed and recognized based on the unused portion of committed lines of credit. Guarantee fees are deferred and amortized using the straight-line method into interest income over the life of the guarantee.

The $\$ 1$ million or one percent decline in interest income for the three months ended August 31, 2008, as compared with the prior-year period was due to a 34 basis point decline in the yield earned due to lower variable interest rates mostly offset by a $\$ 1,034$ million increase in average loans outstanding.

For the three months ended August 31,2008 , the Company had a reduction to interest income of $\$ 14$ million due to non-accrual loans compared with a reduction of $\$ 19$ million for the prior-year period. The impact on National Rural interest income of non-accrual loans was a reduction of $\$ 7$ million for the three months ended August 31, 2008 as compared with $\$ 10$ million for the comparable prior-year period. RTFC interest income was reduced by $\$ 7$ million for the three months ended August 31, 2008 as compared with $\$ 9$ million for the prior-year period as a result of non-accrual loans. The effect of non-accrual loans on interest income is included in the rate variance in the table above.

Interest Expense
Total interest expense reported on the consolidated statements of operations and shown in the Rate Volume Variance Table above is summarized as follows by expense type and as a percentage of average loans outstanding:

For the three months ended August 31, 20082007

|  | 2008 |  |  |  |
| :--- | ---: | :--- | ---: | ---: | ---: |
| Increase/ |  |  |  |  | (Decrease)

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(2) Includes amortization of all deferred charges related to debt issuances, principally underwriter's fees, legal fees, printing costs and comfort letter fees. Amortization is calculated on the effective interest method. Also includes issuance costs related to dealer commercial paper.
(3) Includes various fees related to funding activities, including fees paid to banks participating in the Company's revolving credit agreements and fees paid under bond guarantee agreements with RUS as part of the REDLG program. Fees are recognized as incurred or amortized on a straight-line basis over the life of the respective agreement.
(4) Represents the loss on the early retirement of debt including the write-off of unamortized discount, premium and issuance costs.

The $\$ 27$ million or 11 percent decline in total interest expense for the three months ended August 31, 2008 compared with the prior-year period was due to an 84 basis point decline in the overall cost of the Company's debt. This decline in debt costs was primarily attributable to a decline in short-term and variable rate long-term debt as a result of a 325 basis point decrease in the federal funds rate from the rate in effect at August 31, 2007. The decrease in interest expense was partly offset by an increase in interest expense due to a higher level of debt outstanding to fund loan growth, including $\$ 500$ million borrowed under the REDLG program in August 2007 which was outstanding during the full three months ended August 31, 2008.

The adjusted interest expense, which includes all derivative cash settlements, was $\$ 220$ million for the three months ended August 31, 2008 compared with $\$ 239$ million for the prior-year period based on changes to interest expense noted above and derivative cash settlements described below. See Non-GAAP Financial Measures for further explanation of the adjustment the Company makes in its financial analysis to include all derivative cash settlements in its interest expense.

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## Net Interest Income

The $\$ 25$ million increase in net interest income for the three months ended August 31, 2008 compared with the prior-year period was primarily the result of an 84 basis point decline in the overall cost of debt which was only partially offset by a 34 basis point decline in the yield of the Company's loan portfolio. The adjusted net interest income, which includes all derivative cash settlements, for the three months ended August 31, 2008 was $\$ 47$ million, an increase of $\$ 18$ million from the prior-year period. See Non-GAAP Financial Measures, for further explanation of the adjustment the Company makes in its financial analysis to include all derivative cash settlements in determining its adjusted interest expense which, in turn, affects adjusted net interest income.

## Provision for Loan Losses

The Company recorded an $\$ 11$ million provision for loan losses for the three months ended August 31, 2008 compared with no provision for the three months ended August 31, 2007. The increase to the loan loss allowance was primarily due to the increase in loans outstanding during the quarter and secondarily to an adjustment to the Company's historical recovery percentages based on current estimates, both offset by a reduction to calculated impairments due to payments received.

Non-interest Income
Non-interest income decreased by $\$ 9$ million for the three months ended August 31, 2008 compared with the prior-year period primarily due to the decrease in cash settlements on derivative financial instruments. The $\$ 8$ million decrease in cash settlements for the three months ended August 31, 2008 from the prior-year period resulted from lower short-term interest rates during the quarter ended August 31, 2008 compared with the quarter ended August 31, 2007 as the Company paid a variable rate on the majority of its derivative contracts during both periods.

Non-interest Expense
Non-interest expense decreased by $\$ 20$ million for the three months ended August 31, 2008 compared with the prior-year period primarily due to the $\$ 23$ million decrease in the derivative forward value as a result of changes in the estimate of future interest rates as well as credit risk over the remaining life of the derivative instruments.

## Net Income

The change in the items described above resulted in an increase in net income of $\$ 26$ million for the three months ended August 31, 2008 from the comparable prior-year period. The adjusted net income, which excludes the impact of the derivative forward value and adds back minority interest, was $\$ 24$ million, compared with $\$ 20$ million for the prior-year period. See Non-GAAP Financial Measures, for further explanation of the adjustments the Company makes in its financial analysis to net income.

## Ratio of Earnings to Fixed Charges

The following table provides the calculation of the ratio of earnings to fixed charges. The ratio of earnings to fixed charges is the same calculation as TIER. See "Results of Operations" for discussion on TIER and adjustments that the Company makes to the TIER calculation.

|  | For the three months ended August 31, |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| (dollar amounts in thousands) |  | 2008 | 2007 |  |
| Income (loss) prior to cumulative effect of | $\$$ | 14,471 | $\$$ | $(11,382)$ |
| $\quad$ change in accounting principle |  | 220,309 |  | 247,325 |
| Add: fixed charges | $\$$ | 234,780 | $\$$ | 235,943 |
| Earnings available for fixed charges |  |  |  |  |
| Total fixed charges: |  |  |  |  |

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Interest on all debt (including amortization of discount and issuance costs)
\$ 220,309 \$ 247,325
Ratio of earnings to fixed
charges (1) 1.07
(1) For the three months ended August 31, 2007, earnings were insufficient to cover fixed charges by $\$ 11$ million.

Financial Condition
Loan and Guarantee Portfolio Assessment
Loan Programs
Loans to members bear interest at rates determined from time to time by the Company after considering its interest expense, operating expenses, provision for loan losses and the maintenance of reasonable earnings levels. In keeping with its not-for-profit cooperative charter, the Company's policy is to set interest rates at the lowest levels it considers to be consistent with sound financial management.

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The following table summarizes loans outstanding by type and by segment:

| (dollar amounts in thousands) | August 31, 2008 |  | May 31, 2008 |  | Increase/ <br> (Decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Loans by type: |  |  |  |  |  |
| Long-term loans (1): |  |  |  |  |  |
| Long-term fixed rate | \$15,422,921 | 80\% | \$ $15,418,662$ | loans $\begin{aligned} & \text { 15,418,662 }\end{aligned}$ |  |
| Long-term variable rate | 1,967,557 | 10 |  |  | 49,341 |
| loans 1,918,216 10 |  |  |  |  |  |
| Total long-term | 17,390,478 | 90 |  |  | 53,600 |
| loans 17,336,878 91 |  |  |  |  |  |
| Short-term loans (2) | 1,972,006 | 10 | 1,690,117 | 9 | 281,889 |
| Total loans | \$19,362,484 | 100\% | \$ 19,026,995 | 100\% | \$335,489 |
| (dollar amounts in thousands) | August 31, | 008 | May 31, |  | Increase/ (Decrease) |
| Loans by segment: |  |  |  |  |  |
| National Rural: |  |  |  |  |  |
| Distribution | \$13,614,736 | 70\% | \$13,438,370 | 71\% | \$ 176,366 |
| Power supply | 3,519,985 | 18 | 3,339,112 | 17 | 180,873 |
| Statewide and associate | 107,743 | 1 | 108,925 | 1 | $(1,182)$ |
| National Rural total | 17,242,464 | 89 | 16,886,407 | 89 | 356,057 |
| RTFC | 1,705,004 | 9 | 1,726,514 | 9 | $(21,510)$ |
| NCSC | 415,016 | 2 | 414,074 | 2 | 942 |
| Total | \$ 19,362,484 | 100\% | \$19,026,995 | 100\% | \$ 335,489 |

(1) Includes loans classified as restructured and non-performing and RUS guaranteed loans.
(2) Consists of secured and unsecured short-term loans that are subject to interest rate adjustment monthly or semi-monthly.

The Company's loans outstanding increased by 2 percent for the three months ended August 31, 2008. The primary reasons for the National Rural loan growth were an increase in RUS note buyouts, funding of capital expenditures, bridge financing to fund projects prior to receipt of RUS funding and funding for renewable energy projects.

Loans converting from a variable rate to a fixed rate for the three months ended August 31, 2008 totaled $\$ 73$ million, which was partially offset by $\$ 49$ million of loans that converted from a fixed rate to a variable rate. For the three months ended August 31, 2007, loans converting from a fixed rate to a variable rate totaled $\$ 57$ million, which was partially offset by $\$ 19$ million of loans that converted from a variable rate to a fixed rate.

The following table summarizes loans and guarantees outstanding by segment:

| (dollar amounts in thousands) | August 31, 2008 |  |  | May 31, 2008 |  | Increase/ (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| National Rural: |  |  |  |  |  |  |  |
| Distribution | \$ | 13,810,968 | 68\% | \$13,622,829 | 68\% | \$ | 188,139 |
| Power supply |  | 4,299,581 | 21 | 4,125,567 | 20 |  | 174,014 |
| Statewide and associate |  | 128,125 | 1 | 131,710 | 1 |  | $(3,585)$ |

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| $\quad$ National Rural total | $18,238,674$ | 90 | $17,880,106$ | 89 | 358,568 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| RTFC | $1,705,264$ | 8 | $1,726,774$ | 9 | $(21,510)$ |
| NCSC | 452,032 | 2 | 457,255 | 2 | $(5,223)$ |
| $\quad$ Total | $\$ 20,395,970$ | $100 \%$ | $\$ 20,064,135$ | $100 \%$ | $\$$ |
|  |  | 331,835 |  |  |  |

The following table summarizes the RTFC segment loans and guarantees outstanding:

| (dollar amounts in thousands) | August 31, 2008 |  | May 31, 2008 |  | Increase/ <br> (Decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Rural local exchange carriers | \$1,501,389 | 88\% | \$ 1,518,197 | 88\% | \$ $(16,808)$ |
| Cable television providers | 153,237 | 9 | 153,539 | 9 | (302) |
| Fiber optic network providers | 11,473 | 1 | 16,884 | 1 | (5,411) |
| Competitive local exchange carriers | 31,653 | 2 | 29,871 | 2 | 1,782 |
| Wireless providers | 4,672 | - | 4,579 | - | 93 |
| Other | 2,840 | - | 3,704 | - | (864) |
| Total | \$1,705,264 | 100\% | \$1,726,774 | 100\% | \$ $(21,510)$ |

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The Company's members are widely dispersed throughout the United States and its territories, including 48 states, the District of Columbia and two U.S. territories. At August 31, 2008 and May 31, 2008, loans and guarantees outstanding to members in any one state or territory did not exceed 17 percent of total loans and guarantees outstanding.

## Credit Concentration

National Rural, RTFC and NCSC each have policies that limit the amount of credit that can be extended to individual borrowers or a controlled group of borrowers. The credit limitation policies set the limit on the total exposure and unsecured exposure to the borrower based on an assessment of the borrower's risk profile and the Company's internal risk rating system. As a member owned cooperative, the Company attempts to balance meeting the needs of its member/owners and mitigating the risk associated with concentrations of credit exposure. The respective boards of directors must approve new credit requests from a borrower with a total exposure or unsecured exposure in excess of the limits in the policies. Management may utilize syndicated credit arrangements to help mitigate the risk associated with credit concentrations.

Total exposure, as defined by the policies, generally include the following:

- loans outstanding, excluding loans guaranteed by RUS,
- the Company's guarantees of the borrower's obligations,
- unadvanced loan commitments,
- borrower guarantees to the Company of another borrower's debt, and
- other indebtedness of any kind unless guaranteed by the U.S. Government.

At August 31, 2008 and May 31, 2008, the total exposure outstanding to any one borrower or controlled group did not exceed 2.6 percent and 2.7 percent, respectively, of total loans and guarantees outstanding. At August 31, 2008, the ten largest borrowers included four distribution systems, five power supply systems and one telecommunications system. At May 31, 2008, the ten largest borrowers included five distribution systems, four power supply systems and one telecommunications system. Over the past five years, the Company has reduced its single obligor concentrations in the telecommunications portfolio resulting in outstanding loans at August 31, 2008 averaging less than $\$ 10$ million per active, performing telecommunications borrower.

The following table shows the exposure to the ten largest borrowers as a percentage of total exposure by type and by segment:

| (dollar amounts in thousands) | August 31, 2008 |  | May 31, 2008 |  | Increase/ <br> (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | $\begin{aligned} & \% \text { of } \\ & \text { Total } \end{aligned}$ | Amount | $\% \text { of }$ Total |  |  |
| Total by type: |  |  |  |  |  |  |
| Loans | \$3,394,013 |  | \$3,395,865 |  | \$ | $(1,852)$ |
| Guarantees | 265,967 |  | 164,740 |  |  | 101,227 |
| Total credit exposure to ten largest borrowers | \$3,659,980 | 18\% | \$3,560,605 | 18\% | \$ | 99,375 |
| Total by segment: |  |  |  |  |  |  |
| National Rural | \$3,143,829 |  | \$3,043,905 |  | \$ | 99,924 |
| RTFC | 483,951 |  | 491,700 |  |  | $(7,749)$ |
| NCSC | 32,200 |  | 25,000 |  |  | 7,200 |
| Total credit exposure to ten | \$3,659,980 | 18\% | \$3,560,605 | 18\% | \$ | 99,375 |
| largest borrowers |  |  |  |  |  |  |

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## Security Provisions

Except when providing short-term loans, the Company typically lends to its members on a senior secured basis. Long-term loans are typically secured on a parity with other secured lenders (primarily RUS), if any, by all assets and revenues of the borrower with exceptions typical in utility mortgages. Short-term loans are generally unsecured lines of credit. Guarantee reimbursement obligations are typically secured on a parity with other secured creditors by all assets and revenues of the borrower or by the underlying financed asset. In addition to the collateral received, borrowers are also required to set rates designed to achieve certain financial ratios.

The following table summarizes the Company's unsecured credit exposure as a percentage of total exposure by type and by segment:

| (dollar amounts in thousands) | August 31, 2008 |  | May 31, 2008 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | \% of Total | Amount | $\%$ of <br> Total |  | Decrease) |
| Total by type: |  |  |  |  |  |  |
| Loans | \$2,429,227 |  | \$2,150,739 |  | \$ | 278,488 |
| Guarantees | 249,062 |  | 235,816 |  |  | 13,246 |
| Total unsecured credit exposure | \$2,678,289 | 13\% | \$2,386,555 | 11\% | \$ | 291,734 |
| Total by segment: |  |  |  |  |  |  |
| National Rural | \$2,385,972 |  | \$2,100,676 |  | \$ | 285,296 |
| RTFC | 232,597 |  | 229,287 |  |  | 3,310 |
| NCSC | 59,720 |  | 56,592 |  |  | 3,128 |
| Total unsecured credit exposure | \$2,678,289 | 13\% | \$2,386,555 | 11\% |  | 291,734 |

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## Non-performing Loans

A borrower is classified as non-performing when any one of the following criteria is met:

- principal or interest payments on any loan to the borrower are past due 90 days or more,
- as a result of court proceedings, repayment on the original terms is not anticipated, or
- for some other reason, management does not expect the timely repayment of principal and interest.

Once a borrower is classified as non-performing, the Company typically places the loan on non-accrual status and reverses all accrued and unpaid interest back to the date of the last payment. The Company generally applies all cash received during the non-accrual period to the reduction of principal, thereby foregoing interest income recognition. At August 31, 2008 and May 31, 2008, the Company had non-performing loans outstanding in the amount of $\$ 492$ million and $\$ 507$ million, respectively. All loans classified as non-performing were on a non-accrual status with respect to the recognition of interest income.

At August 31, 2008 and May 31, 2008, non-performing loans include $\$ 484$ million and $\$ 492$ million, respectively, to Innovative Communication Corporation ("ICC"). All loans to ICC have been on non-accrual status since February 1, 2005. ICC has not made debt service payments to the Company since June 2005. RTFC is the primary secured lender to ICC. Beginning on June 1, 2004, RTFC filed a series of lawsuits against ICC, Jeffrey Prosser ("Prosser") and others for failure to comply with the terms of ICC's loan agreement with RTFC dated August 27, 2001, as amended on April 4, 2003. In response to the lawsuits filed by RTFC, ICC, ICC's subsidiary Virgin Islands Telephone Corporation d/b/a Innovative Telephone ("Vitelco"), and Prosser denied liability and asserted claims, by way of counterclaim and by filing its own lawsuits against RTFC, National Rural and certain of RTFC's officers, seeking various remedies, including reformation of the loan agreement, injunctive relief, and damages (together with the RTFC claims, the "Loan Litigation").

In February 2006, involuntary bankruptcy petitions were filed against Prosser, ICC's immediate parent, Emerging Communication, Inc. ("Emcom") and Emcom's parent, Innovative Communication Company LLC ("ICC-LLC"); and on April 26, 2006, RTFC reached a settlement of the Loan Litigation with ICC, Vitelco, ICC-LLC, Emcom, their directors and Prosser, individually. Under the settlement, RTFC obtained entry of judgments in the District Court for the District of the Virgin Islands against ICC for approximately $\$ 525$ million and Prosser for approximately $\$ 100$ million. RTFC also obtained dismissals with prejudice of all counterclaims, affirmative defenses and other lawsuits alleging wrongful acts by RTFC, certain of its officers, and National Rural thereby resolving all the Loan Litigation in RTFC's favor.

Although the judgment debtors and others were given an opportunity to satisfy the judgments at a discount, on July 31, 2006, ICC-LLC, Emcom and Prosser each filed a voluntary bankruptcy petition for reorganization. The cases are pending in the United States District Court for the Virgin Island, Bankruptcy Division (the "Bankruptcy Court"). A Chapter 11 trustee, Stan Springel, was later appointed for the ICC-LLC and Emcom estates; and Prosser’s individual case was converted to Chapter 7 liquidation in October 2007. Prosser's Chapter 7 trustee is in the process of marshaling Prosser's non-exempt assets for disposition and eventual payment in respect of creditor claims.

On September 21, 2007, the Bankruptcy Court entered an order placing ICC in its own bankruptcy proceeding, and on October 3, 2007 appointed Stan Springel as its trustee. The Chapter 11 trustee of ICC has assumed ownership and control of ICC, including its subsidiaries, and has begun to marshal RTFC collateral and other assets for disposition, including property in Prosser's possession or control, and eventual payment in respect of RTFC's claims and the claims of other parties-in-interest.

In most cases, the sale (as part of the Chapter 11 cases) of ICC or any of its subsidiaries engaged in a regulated telecommunications or cable television business, or of the regulated assets of ICC or its subsidiaries, will require the prior consent of the respective regulators in the United States (including the Federal Communications Commission
and the U.S. Virgin Islands Public Services Commission), the British Virgin Islands, France and its Caribbean territories, and the Netherlands Antilles. In certain limited cases, only a post-transaction notification will be required.

For a more detailed description of the contingencies related to the non-performing loans outstanding to ICC, see Note 13, Restructured/Non-performing Loans and Contingencies, to the consolidated financial statements. Based on its analysis, the Company believes that it is adequately reserved for its exposure to ICC at August 31, 2008.

Restructured Loans
Loans classified as restructured are loans for which agreements have been executed that changed the original terms of the loan, generally a change to the originally scheduled cash flows. The Company will make a determination on each restructured loan with regard to the accrual of interest income on the loan. The initial decision is based on the terms of the restructure agreement and the anticipated performance of the borrower over the term of the agreement. The Company will periodically review the decision to accrue or not to accrue interest income on restructured loans based on the borrower's past performance and current financial condition.

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At August 31, 2008 and May 31, 2008, restructured loans totaled $\$ 570$ million and $\$ 577$ million, respectively. A total of $\$ 512$ million and $\$ 519$ million of restructured loans were on non-accrual status at August 31, 2008 and May 31, 2008, respectively. At August 31, 2007, $\$ 539$ million of restructured loans were on non-accrual status.

At August 31, 2008 and May 31, 2008, the Company had $\$ 512$ million and $\$ 519$ million, respectively, of restructured loans outstanding to CoServ. All restructured CoServ loans have been on non-accrual status since January 1, 2001. In addition, $\$ 20$ million was outstanding under the capital expenditure loan facility which was classified as a performing loan at August 31, 2008 and May 31, 2008. Total loans to CoServ at August 31, 2008 and May 31, 2008 represented 2.6 percent and 2.7 percent of the Company's total loans and guarantees outstanding, respectively.

Under the terms of a bankruptcy settlement from 2002, National Rural restructured its loans to CoServ. CoServ is scheduled to make quarterly payments to National Rural through December 2037. As part of the restructuring, National Rural may be obligated to provide up to $\$ 204$ million of senior secured capital expenditure loans to CoServ for electric distribution infrastructure through December 2012. When CoServ requests capital expenditure loans from National Rural, these loans are provided at the standard terms offered to all borrowers and require debt service payments in addition to the quarterly payments that CoServ is required to make to National Rural. At August 31, 2008, a total of $\$ 20$ million had been advanced to CoServ under this loan facility. To date, CoServ has made all payments required under the restructure agreement and capital expenditure loan facility. Under the terms of the restructure agreement, CoServ has the option to prepay the loan for $\$ 415$ million plus an interest payment true up on or after December 13, 2007 and for $\$ 405$ million plus an interest payment true up on or after December 13, 2008. National Rural has received no notice from CoServ that it intends to prepay the loan.

CoServ and National Rural have no claims related to any of the legal actions asserted prior to or during the bankruptcy proceedings. National Rural's legal claim against CoServ is limited to CoServ's performance under the terms of the bankruptcy settlement.

Based on its analysis, the Company believes that it is adequately reserved for its exposure to CoServ at August 31, 2008.

At August 31, 2008 and May 31, 2008, National Rural had a total $\$ 52$ million in loans outstanding to Pioneer Electric Cooperative, Inc. ("Pioneer"). Pioneer was current with respect to all debt service payments at August 31, 2008. All loans to Pioneer remain on accrual status. National Rural is the principal creditor to Pioneer.

Based on its analysis, the Company believes that it is adequately reserved for its exposure to Pioneer at August 31, 2008.

## Loan Impairment

On a quarterly basis, the Company reviews all non-performing and restructured borrowers, as well as certain additional borrowers selected based on known facts and circumstances at the time of the review, to determine if the loans to the borrower are impaired and/or to update the impairment calculation. The Company calculates an impairment for a borrower based on the expected future cash flow or the fair value of any collateral held by the Company as security for loans to the borrower. In some cases, to estimate future cash flow, certain assumptions are required regarding, but not limited to, the following:

- interest rates,
- court rulings,
- changes in collateral values,
- changes in economic conditions in the area in which the cooperative operates, and
- changes to the industry in which the cooperative operates.


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As events related to the borrower take place and economic conditions and the Company's assumptions change, the impairment calculations will change. The loan loss allowance specifically reserved to cover the calculated impairments is adjusted on a quarterly basis based on the most current information available. At August 31, 2008 and May 31, 2008, the Company had impaired loans totaling $\$ 1,056$ million and $\$ 1,078$ million, respectively. At August 31, 2008 and May 31, 2008, National Rural had specifically reserved $\$ 326$ million and $\$ 331$ million, respectively, to cover impaired loans.

The following table presents a summary of non-performing and restructured loans as a percentage of total loans and total loans and guarantees outstanding:
(dollar amounts in thousands)
Non-performing loans
Percent of loans outstanding
Percent of loans and guarantees outstanding
Restructured loans
Percent of loans outstanding
Percent of loans and guarantees outstanding
Total non-performing and restructured loans
Percent of loans outstanding
Percent of loans and guarantees outstanding

August 31, 2008
\$ 491,585
2.54\%
2.41
\$ 569,722
2.94\%
2.79
\$1,061,307
5.48\%
5.20

May 31, 2008
\$ 506,864
2.67\%
2.52
\$ 577,111
3.03\%
2.88
\$1,083,975
5.70\%
5.40

## Allowance for Loan Losses

The Company maintains an allowance for loan losses at a level estimated by management to provide adequately for probable losses inherent in the loan portfolio. The allowance for loan losses is determined based upon evaluation of the loan portfolio, past loss experience, specific problem loans, economic conditions and other pertinent factors which, in management's judgment, deserve current recognition in estimating loan losses. The Company reviews and adjusts the allowance on a quarterly basis to maintain it at a level to cover estimated probable losses in the portfolio.

Management makes recommendations to the board of directors of National Rural regarding charge-offs of loan balances. In making its recommendation to charge off all or a portion of a loan balance, management considers various factors including cash flow analysis and the collateral securing the borrower's loans. Since inception in 1969, charge-offs totaled $\$ 215$ million and recoveries totaled $\$ 34$ million for a net loan loss of $\$ 181$ million. Management believes that the allowance for loan losses is adequate to cover estimated probable portfolio losses.

Activity in the allowance for loan losses is summarized below:

| (dollar amounts in thousands) | For the three months ended and as of |  |  |  | For the year ended and as of May 31, 2008 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ugust 31, 2008 |  | gust 31, |  |
|  |  |  |  |  |  |
| Beginning balance | \$ | 514,906 | \$ | 561,663 | \$561,663 |
| Provision |  | 10,681 |  |  | $(30,262)$ |
| Net charge-offs |  | $(2,990)$ |  | $(16,584)$ | $(16,495)$ |
| Ending balance | \$ | 522,597 | \$ | 545,079 | \$514,906 |
| Loan loss allowance by segment: |  |  |  |  |  |
| National Rural | \$ | 522,351 | \$ | 544,561 | \$514,626 |
| NCSC |  | 246 |  | 518 | 280 |
| Total | \$ | 522,597 | \$ | 545,079 | \$514,906 |
| As a percentage of total loans outstanding |  | 2.70\% |  | 3.02\% | 2.71\% |
| As a percentage of total non-performing |  | 106.31 |  | 110.32 | 101.59 |
| loans outstanding |  |  |  |  |  | outstanding

National Rural has agreed to indemnify RTFC and NCSC for loan losses, with the exception of the NCSC consumer loans that are covered by the NCSC loan loss allowance. Therefore, there is no loan loss allowance required at RTFC and only a small loan loss allowance is required at NCSC to cover the exposure to consumer loans.

Liabilities, Minority Interest and Equity
Outstanding Debt
The following table provides a breakout of debt outstanding:

| (dollar amounts in thousands) | August 31, 2008 | May 31, 2008 | Increase/ <br> (Decrease) |
| :---: | :---: | :---: | :---: |
| Short-term debt: |  |  |  |
| Commercial paper (1) | \$ 3,573,808 | \$ 3,050,264 | \$ 523,544 |
| Bank bid notes | 300,000 | 100,000 | 200,000 |
| Long-term debt with remaining maturities less than | 4,224,816 | 3,177,189 | 1,047,627 |
| one year |  |  |  |
| Total short-term debt | 8,098,624 | 6,327,453 | 1,771,171 |
| Long-term debt: |  |  |  |
| Collateral trust bonds | 4,185,442 | 2,886,580 | 1,298,862 |
| Notes payable | 2,956,495 | 2,956,403 | 92 |
| Medium-term notes | 2,845,543 | 4,330,604 | $(1,485,061)$ |
| Total long-term debt | 9,987,480 | 10,173,587 | $(186,107)$ |
| Subordinated deferrable debt | 311,440 | 311,440 | - |
| Members' subordinated certificates: |  |  |  |
| Membership certificates | 649,465 | 649,465 | - |
| Loan certificates | 664,264 | 654,047 | 10,217 |
| Guarantee certificates | 107,081 | 103,267 | 3,814 |
| Total members' subordinated certificates | 1,420,810 | 1,406,779 | 14,031 |
| Total debt outstanding | \$ 19,818,354 | \$18,219,259 | \$ 1,599,095 |
| Percentage of fixed rate debt (2) | 75\% | 82\% |  |
| Percentage of variable rate debt (3) | 25 | 18 |  |
| Percentage of long-term debt | 59 | 65 |  |
| Percentage of short-term | 41 | 35 |  |

debt
(1) Includes $\$ 267$ million and $\$ 251$ million related to the daily liquidity fund at August 31, 2008 and May 31, 2008, respectively.
(2) Includes variable rate debt that has been swapped to a fixed rate less any fixed rate debt that has been swapped to a variable rate.
(3) The rate on commercial paper notes does not change once the note has been issued. However, the rates on new commercial paper notes change daily and commercial paper notes generally have maturities of less than 90 days. Therefore, commercial paper notes are considered to be variable rate debt. Also includes fixed rate debt that has been swapped to a variable rate less any variable rate debt that has been swapped to a fixed rate.

Total debt outstanding at August 31, 2008 increased compared with May 31, 2008 in order to prefund $\$ 1,545$ million of debt scheduled to mature in September and October 2008 and to fund the $\$ 335$ million increase to loans outstanding. The proceeds of this prefunding of debt contributed to the $\$ 1,352$ million increase in cash and cash equivalents at August 31, 2008. The amount of short-term debt increased and long-term debt decreased by $\$ 1,048$ million due to a shift of long-term debt to short-term debt as it reached its final year to maturity. The Company issued $\$ 900$ million of 5.50 percent collateral trust bonds due 2013 and $\$ 400$ million of floating rate collateral trust bonds due 2010 in June 2008. In September 2008, the Company received $\$ 500$ million in additional funding from the FFB under a loan facility with a guarantee of repayment by the RUS as part of the REDLG program. The $\$ 500$ million advance has a 2028 maturity date.

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At August 31, 2008 and May 31, 2008, there was no foreign denominated debt outstanding.
The increase to members' subordinated certificates of $\$ 14$ million for the three months ended August 31, 2008 is primarily due to $\$ 30$ million of new loan certificates related to the increase in loans outstanding partially offset by loan prepayments, normal amortization and maturities.

Minority Interest
At August 31, 2008 and May 31, 2008, the Company reported minority interests of $\$ 13$ million and $\$ 14$ million, respectively, on the consolidated balance sheets. Minority interest represented 100 percent of RTFC and NCSC equity as the members of RTFC and NCSC own or control 100 percent of the interest in their respective companies.

For the three months ended August 31, 2008, the balance of minority interest decreased by $\$ 1$ million as a result of a combined net loss by RTFC and NCSC.

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Equity
The following table provides a breakout of the equity balances:

|  | August 31, 2008 | May 31, 2008 | (Decrease) |
| :--- | :---: | :---: | ---: |
| (in thousands) | $\$ 993$ | $\$$ | 993 |
| Membership fees | 1,129 | 1,484 | - |
| Education fund | 187,409 | 187,409 | $(355)$ |
| Members' capital reserve | 338,011 | 423,249 | - |
| Allocated net income | 23,156 | $(53)$ | $(85,238)$ |
| Unallocated net income (1) | 550,698 | 613,082 | $(62,384)$ |
| $\quad$ Total members' equity |  |  |  |
| Prior years' cumulative derivative forward |  |  |  |
| value and foreign currency |  |  |  |
| adjustments |  |  | 131,551 |
| Current period derivative forward value (2) | $(8,738)$ | $(87,495)$ | $(87,495$ |
| Total retained equity | 586,016 | 657,138 | 78,757 |
| Accumulated other comprehensive income | 8,633 | 8,827 | $(71,122)$ |
| Total equity | $\$ 594,649$ | $\$ 665,965$ | $\$(71,316)$ |
| (1) Excludes derivative forward value and foreign currency adjustments. |  |  |  |
| (2) Represents the derivative forward value loss recorded by National Rural for the year-to-date period. |  |  |  |

To become a member, applicants are required to pay a one-time fee. The fee varies from two hundred dollars to one thousand dollars depending on the membership class. National Rural is required by the District of Columbia cooperative law to have a methodology to allocate its net earnings to its members. National Rural maintains the current year net earnings as unallocated through the end of its fiscal year. National Rural calculates net earnings by adjusting net income to exclude certain non-cash adjustments. Subsequent to the end of the fiscal year, National Rural's board of directors allocates its net earnings to its members in the form of patronage capital and to board approved reserves. Currently, National Rural has two such board approved reserves, the education fund and the members' capital reserve. National Rural adjusts the net earnings it allocates to its members and board approved reserves to exclude the non-cash impacts of SFAS 133 and SFAS 52. National Rural allocates a small portion, less than one percent, of net earnings annually to the education fund. The allocation to the education fund must be at least 0.25 percent of net earnings as required by National Rural's bylaws. Funds from the education fund are disbursed annually to the statewide cooperative organizations to fund the teaching of cooperative principles in the service territories of the cooperatives in each state. The board of directors determines the amount of net earnings that is allocated to the members' capital reserve, if any. The members' capital reserve represents net earnings that are held by National Rural to increase equity retention. The net earnings held in the members' capital reserve have not been specifically allocated to any member, but may be allocated to individual members in the future as patronage capital if authorized by National Rural's board of directors. All remaining net earnings are allocated to National Rural's members in the form of patronage capital. National Rural bases the amount of net earnings allocated to each member on the members' patronage of the National Rural lending programs during the year. There is no impact on National Rural's total equity as a result of allocating net earnings to members in the form of patronage capital or to board approved reserves. National Rural's board of directors has annually voted to retire a portion of the patronage capital allocated to members in prior years. National Rural's total equity is reduced by the amount of patronage capital retired to its members and by amounts disbursed from board approved reserves.

At August 31, 2008, total equity decreased by $\$ 71$ million from May 31, 2008 due to the board authorized patronage capital retirement offset by net income of $\$ 14$ million. In July 2008, National Rural's board of directors authorized the retirement of allocated net earnings totaling $\$ 85$ million, representing 70 percent of the fiscal year 2008 allocation and one-ninth of the fiscal years 1991, 1992 and 1993 allocated net earnings. This amount was paid to members in October 2008.

Contractual Obligations
The following table summarizes the long-term contractual obligations at August 31, 2008 and the scheduled reductions by fiscal year.

| (in millions) |  |  |  |  | More than 5 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Instrument | 2009 | 2010 | 2011 | 2012 | 2013 | Years | Total |
| Long-term debt due in less than one year | \$2,604 | \$ 1,621 | \$ - | \$ | \$ | \$ | \$ 4,225 |
| Long-term debt | - | 325 | 981 | 1,555 | 441 | 6,685 | 9,987 |
| Subordinated deferrable debt | - | - | - | - | - | 311 | 311 |
| Members' subordinated certificates (1) | 7 | 38 | 18 | 16 | 15 | 1,073 | 1,167 |
| Operating leases (2) | 2 | 2 | - | - | - | - | 4 |
| Contractual interest on long-term debt (3) | 510 | 594 | 535 | 497 | 410 | 4,189 | 6,735 |
| Total contractual | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| obligations | 3,123 | 2,580 | 1,534 | 2,068 | 866 | 12,258 | 22,429 |

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(1) Excludes loan subordinated certificates totaling $\$ 254$ million that amortize annually based on the outstanding balance of the related loan. There are many items that affect the amortization of a loan, such as loan conversions, loan repricing at the end of an interest rate term and prepayments, thus an amortization schedule cannot be maintained for these certificates. Over the past three years, annual amortization on these certificates has averaged $\$ 30$ million. In fiscal year 2008, amortization represented 12 percent of amortizing loan subordinated certificates outstanding.
(2) Represents the payment obligation related to the Company's lease of office space for its headquarters facility. In September 2008, the Company exercised the option to extend the lease for an additional one-year period so the future minimum lease payments for fiscal years 2010 and 2011 will increase to $\$ 4$ million and $\$ 2$ million, respectively.
(3) Represents the interest obligation on the Company's debt based on terms and conditions at August 31, 2008.

Off-Balance Sheet Obligations
Guarantees
The following table provides a breakout of guarantees outstanding by type and by segment:

| (in thousands) | August 31, 2008 | May 31, 2008 | Increase/ <br> (Decrease) |
| :--- | ---: | ---: | ---: |
| Total by type: |  |  |  |
| Long-term tax-exempt bonds | $\$ 496,770$ | $\$ 498,495$ | $\$(1,725)$ |
| Indemnifications of tax benefit transfers | 91,519 | 94,821 | $(3,302)$ |
| Letters of credit | 344,790 | 343,424 | 1,366 |
| Other guarantees | 100,407 | 100,400 | 7 |
| $\quad$ Total | $\$ 1,033,486$ | $\$ 1,037,140$ | $\$(3,654)$ |
|  |  |  |  |
| Total by segment: | $\$ 996,210$ | $\$ 993,699$ | $\$$ |
| National Rural | 260 | 260 |  |
| RTFC | 37,016 | 43,181 | - |
| NCSC | $\$ 1,033,486$ | $\$ 1,037,140$ | $\$(3,654)$ |

The decrease in total guarantees outstanding at August 31, 2008 compared with May 31, 2008 is primarily due to the normal amortization on long-term tax-exempt bonds and tax benefit transfers partially offset by an increase in the amount of letters of credit.

At August 31, 2008 and May 31, 2008, the Company had recorded a guarantee liability totaling $\$ 14$ million and $\$ 15$ million, respectively, which represents the contingent and non-contingent exposure related to guarantees of members' debt obligations.

The following table summarizes the off-balance sheet obligations at August 31, 2008 and the related principal amortization and maturities by fiscal year.
(in thousands)
Principal Amortization and Maturities

|  | Outstanding <br> Balance | 2009 | 2010 | 2011 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | Remaining |  |  |  |  |  |  |  |
| Years |  |  |  |  |  |  |  |  |

(1)
(1) On a total of $\$ 329$ million of tax-exempt bonds, National Rural has unconditionally agreed to purchase bonds tendered or called for redemption at any time if the remarketing agents have not sold such bonds to other purchasers.

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## Unadvanced Loan Commitments

At August 31, 2008, the Company had unadvanced loan commitments totaling $\$ 13,561$ million, a decrease of $\$ 13$ million compared with the balance of $\$ 13,574$ million at May 31, 2008. Unadvanced commitments are loans for which loan contracts have been approved and executed, but funds have not been advanced. Substantially all credit commitments for long-term loans are conditioned on the absence of any material adverse change with respect to the borrower's financial condition. Therefore, for a borrower to qualify for the advance of long-term funds, the Company must be satisfied that there has been no material adverse change since the loan was approved based on National Rural's credit underwriting policy at the time the advance is approved. The Company offers lines of credit loans that may or may not contain a material adverse change condition. The majority of the short-term unadvanced commitments provide backup liquidity to the Company's borrowers; therefore, the Company does not anticipate funding most of these commitments. Approximately 56 percent of the outstanding commitments at August 31, 2008 and May 31, 2008 were for short-term and line of credit loans. Based on the conditions to the advance of funds described above, unadvanced loan commitments do not represent off-balance sheet liabilities and have not been included in the table summarizing off-balance sheet obligations above. Therefore, unadvanced commitments are classified as contingent liabilities.

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Ratio Analysis
Leverage Ratio
The leverage ratio is calculated by dividing the sum of total liabilities and guarantees outstanding by total equity. Based on this formula, the leverage ratio at August 31, 2008 was 36.22 , an increase from 29.64 at May 31, 2008. The increase in the leverage ratio is due to an increase of $\$ 1,808$ million in total liabilities and a decrease of $\$ 71$ million in total equity offset by a decrease of $\$ 4$ million in guarantees as discussed under the Liabilities, Minority Interest and Equity section and the Off-Balance Sheet Obligations section of Financial Condition. The primary reason for the increase in total liabilities during the quarter was an increase to the Company's short-term debt of $\$ 1,771$ million, the majority of which was issued to prefund debt scheduled to rollover in September and October 2008.

For the purpose of covenant compliance on its revolving credit agreements and for internal management purposes, the leverage ratio calculation is adjusted to exclude derivative liabilities, debt used to fund RUS guaranteed loans, subordinated deferrable debt and subordinated certificates from liabilities, uses members' equity rather than total equity and adds subordinated deferrable debt, subordinated certificates and minority interest to determine "adjusted equity." At August 31, 2008 and May 31, 2008, the adjusted leverage ratio was 8.42 and 7.50 , respectively. See Non-GAAP Financial Measures for further explanation and a reconciliation of the adjustments the Company makes in its leverage ratio calculation.

The increase in the adjusted leverage ratio is due to an increase in adjusted liabilities of $\$ 1,749$ million and a decrease of $\$ 50$ million in adjusted equity offset by a decrease in guarantees of $\$ 4$ million as discussed under the Liabilities, Minority Interest and Equity section and the Off-Balance Sheet Obligations section of Financial Condition. In addition to the adjustments made to the leverage ratio in the Non-GAAP Financial Measures section, guarantees to member systems that have an investment grade rating from Moody's Investors Service and Standard \& Poor's Corporation are excluded from the calculation of the leverage ratio under the terms of the revolving credit agreements.

## Debt to Equity Ratio

The debt to equity ratio is calculated by dividing the sum of total liabilities outstanding by total equity. The debt to equity ratio, based on this formula at August 31, 2008 was 34.49 , an increase from 28.08 at May 31, 2008. The increase in the debt to equity ratio is due to the decrease of $\$ 71$ million in total equity and an increase of $\$ 1,808$ million in total liabilities as discussed under the Liabilities, Minority Interest and Equity section of Financial Condition.

For internal management purposes, the debt to equity ratio calculation is adjusted to exclude derivative liabilities, debt used to fund RUS guaranteed loans, subordinated deferrable debt and subordinated certificates from liabilities, uses members' equity rather than total equity and adds subordinated deferrable debt, subordinated certificates and minority interest to determine adjusted equity. At August 31, 2008 and May 31, 2008, the adjusted debt to equity ratio was 7.97 and 7.06, respectively. See Non-GAAP Financial Measures for further explanation and a reconciliation of the adjustments made to the debt to equity ratio calculation. The increase in the adjusted debt to equity ratio is due to the decrease of $\$ 50$ million in adjusted equity and an increase of $\$ 1,749$ million in adjusted liabilities.

## Credit Ratings

The Company's long- and short-term debt and guarantees are rated by three of the major credit rating agencies registered with the SEC, Moody's Investors Service, Standard \& Poor's Corporation and Fitch Ratings. The following table presents the Company's credit ratings at August 31, 2008.

| Moody's Investors | Standard \& Poor's |  |
| :---: | :---: | :---: |
| Service | Corporation | Fitch Ratings |

Direct:
Senior secured debt
A1

> A+

A+

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| Senior unsecured debt | A2 | A | A |
| :--- | :--- | :--- | :--- |
| Subordinated deferrable debt | A3 | BBB+ | A- |
| Commercial paper | P-1 | A-1 | F-1 |
| Guarantees: |  |  |  |
| Pooled bonds | A1 | A | A |
| Other bonds | A2 | A | A |
| Short-term | P-1 | A-1 | F-1 |

The ratings listed above have the meaning as defined by each of the respective rating agencies, are not recommendations to buy, sell or hold securities and are subject to revision or withdrawal at any time by the rating organizations.

At August 31, 2008 and through the date of this filing, Standard \& Poor's Corporation and Fitch Ratings had the Company's ratings on positive outlook and Moody's Investors Service had the Company's ratings on stable outlook.

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## Liquidity and Capital Resources

The following section discusses the Company's sources and uses of liquidity. The Company's primary sources of liquidity include capital market debt issuance, private debt issuance, member loan principal repayments, member loan interest payments, a revolving bank line facility and member investments. The Company's primary uses of liquidity include loan advances, interest payments on debt, principal repayments on debt and patronage capital retirements. The Company believes that its sources of liquidity are adequate to cover the uses of liquidity.

## Sources of Liquidity

Capital Market Debt Issuance
The Company qualifies as a well-known seasoned issuer under SEC rules and filed an automatic shelf registration statement for collateral trust bonds in October 2007. This automatic shelf registration statement is effective for three years for an unlimited amount of collateral trust bonds. At August 31, 2008, the Company had effective registration statements for the issuance of $\$ 2,449$ million of medium-term notes and $\$ 165$ million of subordinated deferrable debt. The Company expects to file an automatic shelf registration statement for an unlimited amount of medium-term notes and subordinated deferrable debt prior to the expiration of the related effective registration statements in December 2008. The Company has Board authorization to issue up to $\$ 1$ billion of commercial paper and $\$ 4$ billion of medium-term notes in the European market. The Company also has Board authorization to issue $\$ 2$ billion of medium-term notes in the Australian market. At August 31, 2008, the Company had not utilized any of the European or Australian market authorizations. In addition, the Company has a commercial paper program under which it sells commercial paper to investors in the capital markets. The Company limits the amount of commercial paper that can be sold to the amount of backup liquidity available under the Company's revolving credit agreements. The Company also obtains short-term funding from the sale of floating rate demand notes under its daily liquidity fund program. The automatic shelf registration statement for the daily liquidity fund program is effective for a three-year period ending April 2010 for a total of $\$ 20$ billion with a limitation on the aggregate principal amount outstanding at one time of $\$ 3$ billion.

In June 2008, the Company issued $\$ 900$ million of 5.50 percent collateral trust bonds due 2013 and $\$ 400$ million of floating rate collateral trust bonds due 2010.

## Private Debt Issuance

Beginning in fiscal year 2006, the Company made use of two sources of private debt issuance. In July 2005, the Company issued a total of $\$ 500$ million of 4.656 percent notes to Farmer Mac which matured in July 2008. In March 2008, the Company issued to Farmer Mac $\$ 400$ million of floating rate debt due in 2013. Notes payable issued to Farmer Mac are secured by the pledge of mortgage notes in an amount at least equal to the principal balance of the notes outstanding. At August 31, 2008, the Company had $\$ 2.5$ billion outstanding under FFB loan facilities with bond guarantee agreements with RUS as part of the funding mechanism for the REDLG program. In September 2008, the Company received $\$ 500$ million in additional funding from the FFB under the REDLG program. The $\$ 500$ million advance has a 2028 maturity date. National Rural is required to place on deposit mortgage notes in an amount at least equal to the principal balance of the notes outstanding issued under the REDLG program.

## Member Loan Repayments

Scheduled repayments on long-term loans are expected to average $\$ 1,020$ million a year for fiscal years 2009 to 2013. There has been significant prepayment activity over the past three fiscal years in the telecommunications loan programs. It is not anticipated that there will be significant loan prepayments over the next few years.

Member Loan Interest Payments
For the three months ended August 31, 2008, interest income on the loan portfolio was $\$ 259$ million, representing an average yield of 5.36 percent as compared with 5.67 percent for the three months ended August 31, 2007. At August $31,2008,80$ percent of total loans outstanding had a fixed rate of interest and 20 percent of loans outstanding had a

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variable rate of interest. At August 31, 2008, a total of 5 percent of loans outstanding were on a non-accrual basis with respect to the recognition of interest income.

## Bank Revolving Credit Facility

The following is a summary of the Company's revolving credit agreements:

|  | August 31, | May 31, | Termination <br> Date | Facility fee <br> per annum (1) |
| :--- | :---: | :---: | ---: | :---: |
| (dollar amounts in thousands) | 2008 | 2008 | March 16, |  |
| Five-year agreement | $\$$ | $1,125,000$ | $\$ 1,125,000$ | 2012 |$\quad 6$ basis points

(1) Facility fee determined by National Rural's senior unsecured credit ratings based on the pricing schedules put in place at the initiation of the related agreement.
(2) Any amount outstanding under the agreement may be converted to a one-year term loan at the end of the revolving credit periods. If converted to a term loan, the fee on the outstanding principal amount of the term loan is 0.10 of 1 percent per annum.

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Upfront fees of between three and five basis points were paid to the banks based on their commitment level to the five-year agreements in place at August 31, 2008. These fees totaled approximately $\$ 1$ million and will be amortized on a straight-line basis over the life of the agreements. In addition, the Company paid $\$ 0.1$ million in upfront fees to the banks for their commitment to the 364-day facility in place at August 31, 2008, which will be amortized on a straight-line basis over the life of the agreement. Each agreement contains a provision under which if borrowings exceed 50 percent of total commitments, a utilization fee must be paid on the outstanding balance. The utilization fees are five basis points for all three agreements in place at August 31, 2008.

At August 31, 2008 and May 31, 2008, the Company was in compliance with all covenants and conditions under its revolving credit agreements in place at that time and there were no borrowings outstanding under such agreements.

LBB, a subsidiary of LBHI, which has filed a petition under Chapter 11 of the U.S. Bankruptcy Code, is a participant for up to $\$ 239$ million of National Rural's $\$ 3.65$ billion revolving credit facility. At August 31, 2008, there were no amounts under the revolving credit facility due to LBB. On October 7, 2008, the Company was unable to issue the amount of commercial paper necessary to fund its needs as a result of the instability in the overall credit markets. As a result, the Company drew down $\$ 418.5$ million of its $\$ 3.65$ billion revolving credit facility by borrowing from the $\$ 1.5$ billion 364-day agreement. As the amount borrowed did not exceed 50 percent of total commitments, there is no utilization fee on the outstanding balance. LBB did not fund their portion of the draw. As a result, the Company does not believe that LBB's $\$ 239$ million portion of the credit facility will be available in the future. The Company believes that if accessing the credit markets continues to be difficult, the remaining amounts in the credit facility will be adequate to fund its operations in the near term. See the Liquidity section of Financial Overview for additional information.

For the purpose of calculating the required financial covenants contained in its revolving credit agreements, the Company adjusts net income, senior debt and total equity to exclude the non-cash adjustments related to SFAS 133 and SFAS 52. The adjusted TIER, as defined by the agreements, represents the interest expense adjusted to include the derivative cash settlements, plus minority interest net income, plus net income prior to the cumulative effect of change in accounting principle and dividing that total by the interest expense adjusted to include the derivative cash settlements. In addition to the non-cash adjustments related to SFAS 133 and SFAS 52, senior debt also excludes RUS guaranteed loans, subordinated deferrable debt, members' subordinated certificates and minority interest. Total equity is adjusted to include subordinated deferrable debt, members' subordinated certificates and minority interest. Senior debt includes guarantees; however, it excludes:

- guarantees for members where the long-term unsecured debt of the member is rated at least BBB+ by Standard \& Poor's Corporation or Baa1 by Moody's Investors Service; and
- the payment of principal and interest by the member on the guaranteed indebtedness if covered by insurance or reinsurance provided by an insurer having an insurance financial strength rating of AAA by Standard \& Poor's Corporation or a financial strength rating of Aaa by Moody's Investors Service.

The following represents the Company's required and actual financial ratios under the revolving credit agreements at or for the three months ended August 31, 2008 and at or for the year ended May 31, 2008:

|  | Requirement | August 31, <br> 2008 | May 31, <br> 2008 |
| :--- | :---: | :---: | :---: | :---: |
| Minimum average adjusted TIER over the six most recent fiscal <br> quarters | 1.025 | 1.14 | 1.16 |
| Minimum adjusted TIER at fiscal year end (1) | 1.05 | 1.15 | 1.15 |

$\begin{array}{llll}\text { Maximum ratio of senior } & 10.00 & 8.23 & 7.33\end{array}$ debt to total equity
(1) The Company must meet this requirement to retire patronage capital.

The revolving credit agreements do not contain a material adverse change clause or ratings triggers that limit the banks' obligations to fund under the terms of the agreements, but National Rural must be in compliance with their other requirements, including financial ratios, to draw down on the facilities.

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Member Investments
At August 31, 2008 and May 31, 2008, members funded 18.4 percent and 19.7 percent, respectively, of total assets as follows:
(dollar amounts in thousands)

|  | Amount | \% of Total <br> (1) | Amount | Total <br> (1) | Increase/ (Decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial paper (2) | \$ 1,446,087 | 40\% | 1,403,960 | 46\% | \$ 42,127 |
| Medium-term notes | 460,094 | 9 | 392,739 | 8 | 67,355 |
| Members' subordinated certificates | 1,420,810 | 100 | 1,406,779 | 100 | 14,031 |
| Members' equity (3) | 550,698 | 100 | 613,082 | 100 | $(62,384)$ |
| Total | \$3,877,689 |  | 3,\$16,560 |  | \$ 61,129 |
| Percentage of total assets | 18.4\% |  | 19.7\% |  |  |
| Percentage of total assets | \% |  | \% | \% |  |
| less derivative assets (3) | 18.6 |  | 19.9 |  |  |

(1) Represents the percentage of each line item outstanding to the Company's members.
(2) Includes $\$ 267$ million and $\$ 251$ million related to the daily liquidity fund at August 31, 2008 and May 31, 2008, respectively.
(3) See Non-GAAP Financial Measures for further explanation and a reconciliation of the adjustments made to total capitalization and a breakout of members' equity.

The Company has viewed member commercial paper investments as a more stable source of funding for the Company than investor purchased commercial paper. Member commercial paper investments have averaged $\$ 1,319$ million outstanding since January 1, 2007.

Uses of Liquidity
Loan Advances
Loan advances are the result of new loans approved to members and from the unadvanced portion of loans that were approved prior to August 31, 2008. At August 31, 2008, the Company had unadvanced loan commitments totaling $\$ 13,561$ million. The Company does not expect to advance the full amount of the unadvanced commitments at August 31, 2008. Unadvanced commitments generally expire within five years of the first advance on a loan and the majority of short-term unadvanced commitments are used as backup liquidity for member operations. Approximately 56 percent of the outstanding commitments at August 31, 2008 were for short-term or line of credit loans. The Company anticipates that over the next 12 months, loan advances will be approximately equal to the scheduled loan repayments.

## Interest Expense on Debt

For the three months ended August 31, 2008, interest expense on debt was $\$ 213$ million, at a weighted-average cost of 4.40 percent for the period compared with 5.12 percent for the quarter ended August 31, 2007. At August 31, 2008, a total of 75 percent of outstanding debt had a fixed interest rate and 25 percent of outstanding debt had a variable interest rate.

## Principal Repayments on Long-term Debt

The principal amount of medium-term notes, collateral trust bonds, long-term notes payable, subordinated deferrable debt and membership subordinated certificates maturing in each of the five fiscal years following August 31, 2008 and

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thereafter is as follows:

|  | Amount <br> Maturing |
| :--- | ---: |
| (in | (1) |
| thousands) |  |
| 2009 | $\$ 2,611$ |
| 2010 | 1,984 |
| 2011 | 999 |
| 2012 | 1,571 |
| 2013 | 456 |
| Thereafter | 8,069 |
| Total | $\$ 15,690$ |

(1) Excludes loan subordinated certificates totaling $\$ 254$ million that amortize annually based on the outstanding balance of the related loan. There are many items that affect the amortization of a loan, such as loan conversions, loan repricing at the end of an interest rate term and prepayments, thus an amortization schedule cannot be maintained for these certificates. Over the past three years, annual amortization on these certificates has averaged $\$ 30$ million. In fiscal year 2008, amortization represented 12 percent of amortizing loan subordinated certificates outstanding.

The $\$ 2,611$ million of debt scheduled to mature in the next 12 months included $\$ 1,545$ million maturing in September and October 2008 of which the Company had prefunded 88 percent at August 31, 2008.

## Patronage Capital Retirements

The Company has made annual retirements of its allocated patronage capital in 28 of the last 29 years. In July 2008, the National Rural board of directors approved the allocation of a total of $\$ 103$ million from fiscal year 2008 net earnings to the National Rural members. National Rural made cash payments totaling $\$ 85$ million to its members in October 2008 as retirement of 70 percent of the amount allocated for fiscal year 2008 and one-ninth of the amount allocated for fiscal years 1991, 1992 and 1993.

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## Market Risk

The Company's primary market risks are interest rate risk, counterparty risk as a result of entering into derivative financial instruments and liquidity risk.

## Interest Rate Risk

The interest rate risk exposure is related to the funding of the fixed rate loan portfolio. The Company does not match fund the majority of its fixed rate loans with a specific debt issuance at the time the loans are advanced. The Company aggregates fixed rate loans until the volume reaches a level that will allow an economically efficient issuance of debt. The Company uses fixed rate collateral trust bonds, medium-term notes, subordinated deferrable debt, members' subordinated certificates, members' equity and variable rate debt to fund fixed rate loans. The Company allows borrowers flexibility in the selection of the period for which a fixed interest rate will be in effect. Long-term loans typically have maturities of up to 35 years. Borrowers may select fixed interest rates for periods of one year through the life of the loan.

## Matched Funding Policy

To monitor and mitigate interest rate risk in the funding of fixed rate loans, the Company performs a monthly gap analysis, a comparison of fixed rate assets repricing or maturing by year to fixed rate liabilities and members' equity maturing by year (see table on page 49). The interest rate risk is deemed minimal on variable rate loans, since the loans may be repriced either monthly or semi-monthly to reflect the cost of the debt used to fund the loans. At August 31, 2008 and May 31, 2008, 20 percent and 19 percent, respectively, of loans carried variable interest rates.

It is the Company's funding objective to manage the matched funding of asset and liability repricing terms within a range of three percent of total assets excluding derivative assets. At August 31, 2008, the Company had $\$ 15,215$ million of fixed rate assets amortizing or repricing, funded by $\$ 12,943$ million of fixed-rate liabilities maturing during the next 30 years and $\$ 1,758$ million of members' equity and members' subordinated certificates, a portion of which does not have a scheduled maturity. The difference of $\$ 514$ million, or less than three percent of total assets and total assets excluding derivative assets, represents the fixed rate assets maturing during the next 30 years in excess of the fixed rate debt and equity. Fixed rate loans are funded with fixed rate collateral trust bonds, medium-term notes, long-term notes payable, subordinated deferrable debt, members' subordinated certificates and members' equity. With the exception of members' subordinated certificates, which are generally issued at rates below the Company's long-term cost of funding and with extended maturities, and commercial paper, the Company's liabilities have average maturities that closely match the repricing terms (but not the maturities) of its fixed interest rate loans. The Company also uses commercial paper supported by derivative instruments to fund its portfolio of fixed rate loans. Variable rate assets which reprice monthly or semi-monthly are funded with short-term liabilities, primarily commercial paper, collateral trust bonds, long-term notes payable and medium-term notes issued with a fixed rate and swapped to a variable rate, medium-term notes issued at a variable rate, subordinated certificates, members' equity and bank bid notes. The schedule allows the Company to analyze the impact on the overall adjusted TIER of issuing a certain amount of debt at a fixed rate for various maturities, prior to issuance of the debt. See Non-GAAP Financial Measures for further explanation and a reconciliation of the adjustments to TIER.

Certain of the Company's collateral trust bonds, subordinated deferrable debt and medium-term notes were issued with early redemption provisions. To the extent borrowers are allowed to convert their fixed rate loans to a variable interest rate and to the extent it is beneficial, the Company takes advantage of these early redemption provisions. However, because conversions and prepayments can take place at different intervals from early redemptions, the Company charges conversion fees designed to compensate for any additional interest rate risk it assumes.

The following table shows the scheduled amortization and repricing of fixed rate assets and liabilities outstanding at August 31, 2008.

(1) Includes the portion of the loan loss allowance and subordinated deferrable debt allocated to fund fixed rate assets. See Non-GAAP Financial Measures for further explanation of why National Rural uses members' equity in its analysis of the funding of its loan portfolio.
(2) Assets less liabilities and members' equity.
(3) Adjusted total assets represents total assets in the consolidated balance sheet less derivative assets.

## Use of Derivatives

At August 31, 2008 and May 31, 2008, the Company was a party to derivative instruments with a total notional amount of $\$ 13,627$ million and $\$ 12,916$ million, respectively. The Company uses derivative instruments as part of its overall interest rate matching strategy. Derivative instruments are used when they provide a lower cost of funding or minimize interest rate risk. The Company will enter into derivative instruments only with highly rated financial institutions. National Rural used derivative instruments to economically convert the interest rate on $\$ 7,721$ million and $\$ 7,660$ million of variable rate debt as of August 31, 2008 and May 31, 2008, respectively, to better match the funding of long-term fixed rate loans. Derivative instruments were used to economically convert the interest rates from fixed to variable on $\$ 5,906$ million and $\$ 5,256$ million fixed rate of long-term debt as of August 31, 2008 and May 31, 2008, respectively. The Company has not invested in derivative financial instruments for trading purposes in the past and does not anticipate doing so in the future.

At August 31, 2008 and May 31, 2008, there were no foreign currency exchange agreements outstanding.

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## Counterparty Risk

The Company is exposed to counterparty risk related to the performance of the parties with which it has entered into derivative instruments. To mitigate this risk, the Company only enters into these agreements with financial institutions with investment grade ratings. At August 31, 2008 and May 31, 2008, the Company was a party to derivative instruments with notional amounts totaling $\$ 13,627$ million and $\$ 12,916$ million, respectively. At the time counterparties are selected to participate in the Company's exchange agreements, the counterparty must be a participant in one of its revolving credit agreements. At August 31, 2008 and at the date of this filing, the Company's derivative instrument counterparties had credit ratings ranging from AAA to A- as assigned by Standard \& Poor's Corporation.

At August 31, 2008, the seven interest rate swaps to which LBSF was a counterparty had a recorded fair market value of $\$ 27$ million. As a result of the bankruptcy filing of LBHI, National Rural terminated the interest rate swaps with LBSF on September 26, 2008. A payment is due to National Rural from LBSF totaling $\$ 26$ million representing the termination net settlement amount on that day, in accordance with the terms of the contract. On October 3, 2008, LBSF filed a petition under Chapter 11 of the U.S. Bankruptcy Code with the United States Bankruptcy Court for the Southern District of New York. National Rural is currently evaluating the collectability of the required payments under the contractual terms of the interest rate swaps.

## Rating Triggers

The Company has certain derivative instruments that contain a condition that will allow one counterparty to terminate the agreement if the credit rating of the other counterparty drops to a certain level. This condition is commonly called a rating trigger. Under the rating trigger, if the credit rating for either counterparty falls to the level specified in the

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agreement, the other counterparty may, but is not obligated to, terminate the agreement. If either counterparty terminates the agreement, a net payment may be due from one counterparty to the other based on the fair value of the underlying derivative instrument. Rating triggers are not separate financial instruments and are not separate derivatives under SFAS 133.

At August 31, 2008, the Company had the following notional amount and fair values associated with derivative instruments that contain rating triggers. For the purpose of the presentation, the Company has grouped the rating triggers into two categories: (1) ratings from Moody's Investors Service falls to Baa1 or from Standard \& Poor's Corporation falls to BBB+ and (2) ratings from Moody's Investors Service falls below Baa1 or from Standard \& Poor's Corporation falls below BBB+. In calculating the payments and collections required upon termination, the Company netted the agreements for each counterparty, as allowed by the underlying master agreement.

|  | Notional | Required Company |  | Amount |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Company |  |  |  |
|  |  |  |  |  | ould | Net |  |
| (in thousands) | Amount | Payment |  | Collect |  | Total |  |
| Rating Level: |  |  |  |  |  |  |  |
| Fall to Baa1/BBB+ | \$ 1,919,918 | \$ | (535) | \$ | 37,908 | \$ | 37,373 |
| Fall below Baa1/BBB+ | 7,313,977 |  | $(36,025)$ |  | 29,128 |  | $(6,897)$ |
| Total | \$ 9,233,895 | \$ | $(36,560)$ | \$ | 67,036 | \$ | 30,476 |

See table on page 44 for National Rural's senior unsecured credit ratings as of August 31, 2008.
In addition to the rating triggers listed above, at August 31, 2008, the Company had $\$ 717$ million of notional amount of derivative instruments, with one counterparty, that would require the pledging of collateral in an amount equal to the fair value of the derivative instruments if the Company's senior secured ratings from Moody's Investors Service were to fall below Baa2 or if the rating from Standard \& Poor's Corporation were to fall below BBB. At August 31, 2008, the fair value of the derivative instruments associated with this rating trigger was a $\$ 13$ million net obligation.

## Liquidity Risk

The Company faces liquidity risk in the funding of its loan portfolio and refinancing its maturing obligations. The Company offers long-term loans with maturities of up to 35 years and line of credit loans that are generally required to be paid down annually. On long-term loans, the Company offers a variety of interest rate options including the ability to fix the interest rate for terms of one year through maturity. The Company funds the loan portfolio with a variety of debt instruments and its members' equity. The Company typically does not match fund each of its loans with a debt instrument of similar final maturity. At August 31, 2008, the Company had a total of $\$ 4,225$ million of long-term debt maturing during the next 12 months. Debt instruments such as subordinated certificates have maturities that vary from the term of the associated loan or guarantee to 100 years and subordinated deferrable debt has been issued with maturities of up to 49 years.

The Company may issue collateral trust bonds and medium-term notes for periods of up to 30 years, but typically issues such debt instruments with maturities of $2,3,5,7$ and 10 years. Debt instruments such as commercial paper and bank bid notes typically have maturities of 90 days or less. Therefore, the Company is at risk if it is not able to issue new debt instruments to replace debt that matures prior to the maturity of the loans for which they are used as funding. Factors that mitigate liquidity risk include the Company maintenance of back-up liquidity through revolving credit agreements with domestic and foreign banks and a large volume of scheduled principal repayments received on an annual basis. In addition, the Company limits the amount of dealer commercial paper and bank bid notes used in the funding of loans. The Company's objective is to maintain the amount of dealer commercial paper and bank bid

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notes used to 15 percent or less of total debt outstanding. At August 31, 2008 and May 31, 2008, there was a total of $\$ 2,294$ million and $\$ 1,612$ million, respectively, of dealer commercial paper and bank bid notes outstanding, representing 12 percent and 9 percent, respectively, of the Company's total debt outstanding. The Company had $\$ 3.65$ billion in unused lines of credit with financial institutions available to draw upon at August 31, 2008.

National Rural continues to see significant investment support from its members with $\$ 3.3$ billion of commercial paper, daily liquidity fund, medium-term notes and subordinated certificate investments outstanding at August 31, 2008. The member debt investments represented 17 percent of the total debt outstanding at August 31, 2008. In addition, National Rural had a total of $\$ 3.0$ billion of privately placed debt outstanding at August 31, 2008, $\$ 2.5$ billion of which was guaranteed by the U.S. Government under the REDLG program. The private placements of debt represented 15 percent of total debt outstanding at August 31, 2008. In September 2008, the Company closed on a $\$ 500$ million FFB loan facility under the REDLG program and received an advance for the full amount available under the facility.

The turmoil in the credit markets subsequent to August 31, 2008 has had an effect on the Company's ability and cost of raising debt. The ability of companies to raise short-term debt (commercial paper) has been hampered by the credit crunch resulting from the overall economic environment. While the Company has been able to meet its funding needs, the debt issued since August 31, 2008 has been at a higher cost and, in many instances, the debt raised has had a shorter tenor than anticipated. The slightly higher

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spread paid on dealer commercial paper and bank bid notes since August 31, 2008 has not had a significant impact on National Rural's funding cost, as dealer commercial paper and bank bid notes represented only 12 percent of total debt at August 31, 2008.

In the first quarter of fiscal year 2009, the Company was able to prefund 88 percent of its $\$ 1,545$ million debt scheduled to mature in September and October 2008. One of the strategies the Company may employ to decrease its reliance on the commercial paper market is to seek to issue long-term funding to members, in the capital markets or in private placements to reduce the short-term commercial paper needs of the Company.

On October 7, 2008, the Company was unable to issue the amount of commercial paper necessary to fund its needs as a result of the instability in the overall credit markets. As a result, the Company drew down $\$ 418.5$ million of its $\$ 3.65$ billion revolving credit facility by borrowing from the $\$ 1.5$ billion 364 -day agreement. LBB did not fund their portion of the draw and the Company does not believe that LBB's $\$ 239$ million portion of the credit facility will be available in the future. As the amount borrowed did not exceed 50 percent of total commitments, there is no utilization fee on the outstanding balance.

At August 31, 2008, the Company was the guarantor and liquidity provider for $\$ 329$ million of tax-exempt bonds issued for its member cooperatives. A total of $\$ 210$ million of such tax-exempt bonds were in flexible and weekly mode, which reprice every seven to thirty-five days. A total of $\$ 119$ million of such tax-exempt bonds reprice semi-annually. In addition to these tax-exempt bonds, National Rural was the guarantor, but not liquidity provider, for $\$ 155$ million of tax-exempt bonds that were in the auction rate mode.

Subsequent to August 31, 2008, the Company entered into agreements as the guarantor and liquidity provider for an additional $\$ 176$ million of tax-exempt bonds issued for its member cooperatives that reprice semi-annually.

In September and October 2008, the Company was required to purchase a total of $\$ 57$ million of tax-exempt bonds pursuant to its obligation as liquidity provider. As a result, the Company will be required to hold the bonds until the remarketing agent is able to place them with third-party investors. During this period, the Company is entitled to receive a default rate of interest on most of the bonds that is higher than the rate investors typically receive on similar bonds in the tax-exempt market. On October $15,2008, \$ 8$ million of the tax-exempt bonds held by the Company will be redeemed as a result of a mandatory sinking fund payment.

For additional information about the risks related to the Company's business, see Item 1A. Risk Factors.

## Non-GAAP Financial Measures

The Company makes certain adjustments to financial measures in assessing its financial performance that are not in accordance with GAAP. These non-GAAP adjustments fall primarily into two categories: (1) adjustments related to the calculation of the TIER ratio, and (2) adjustments related to the calculation of leverage and debt to equity ratios. These adjustments reflect management's perspective on the Company's operations, and in several cases adjustments used to measure covenant compliance under its revolving credit agreements, and thus the Company believes these are useful financial measures for investors. The Company refers to its non-GAAP financial measures as "adjusted" throughout this document.

Adjustments to Net Income and the Calculation of the TIER Ratio
The following table provides a reconciliation between interest expense, net interest income, income prior to income taxes and minority interest, and net income and these financial measures adjusted to exclude the impact of deriviatives and foreign currency adjustments and to include minority interest in net income for the three months ended August 31, 2008 and 2007. Refer to Non-GAAP Financial Measures in Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations, in the Company's Form 10-K for the year ended May 31,

2008 for an explanation of why these adjustments to net income and the calculation of the TIER ratio reflect management's perspective on the Company's operations and why the Company believes these are useful financial measures for investors.


TIER using GAAP financial measures is calculated as follows:
Interest expense + net income prior to cumulative
TIER $=$
effect of change in accounting principle
Interest expense
Adjusted TIER is calculated as follows:

> Adjusted TIER
> $=\quad$ Adjusted interest expense + adjusted net income
> Adjusted interest expense

The following table provides the TIER and adjusted TIER for the three months ended August 31, 2008 and 2007.

| Three months ended August 31, |  |
| :---: | :---: |
| 2008 | 2007 |
| 1.07 | - |
| 1.11 | 1.09 |

TIER (1)
Adjusted TIER
1.11
1.09
(1) For the three months ended August 31, 2007, the Company reported a net loss of $\$ 11$ million, thus the TIER calculation results in a value below 1.00.

Adjustments to the Calculation of Leverage and Debt to Equity

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The following table provides a reconciliation between the liabilities and equity used to calculate the leverage and debt to equity ratios and these financial measures adjusted to exclude the non-cash impacts of derivatives and foreign currency adjustments, to subtract debt used to fund loans that are guaranteed by RUS from total liabilities, to subtract from total liabilities, and add to total equity, debt with equity characteristics and to include minority interest as equity. Refer to Non-GAAP Financial Measures in Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations, in the Company's Form 10-K for the year ended May 31, 2008 for an explanation of why these adjustments to the calculation of leverage and debt to equity ratios reflect management's perspective on the Company's operations and why the Company believes these are useful financial measures for investors.

| (in thousands) | August 31, 2008 | May 31, 2008 |
| :---: | :---: | :---: |
| Liabilities | \$20,507,581 | \$ 18,699,169 |
| Less: |  |  |
| Derivative liabilities | $(217,391)$ | $(171,390)$ |
| Debt used to fund loans guaranteed by | (249,191 |  |
| RUS | ( | $(250,169)$ |
| Subordinated deferrable debt | $(311,440)$ | $(311,440)$ |
| Subordinated certificates | $(1,420,810)$ | (1,406,779) |
| Adjusted liabilities | \$18,308,749 | \$ 16,559,391 |
| Total equity | 594,649 | \$ 665,965 |
| Less: |  |  |
| Prior year cumulative derivative forward value and foreign currency adjustments <br> $(44,056)$ <br> (131,551) |  |  |
| Current period derivative forward value | 8,738 |  |
| (1) |  | 87,495 |
| Accumulated other comprehensive income | $(8,633)$ | $(8,827)$ |
| Subtotal members' equity | 550,698 | 613,082 |
| Plus: |  |  |
| Subordinated certificates | 1,420,810 | 1,406,779 |
| Subordinated deferrable debt | 311,440 | 311,440 |
| Minority interest | 13,001 | 14,247 |
| Adjusted equity | \$ 2,295,949 | \$ 2,345,548 |
| Guarantees | \$ 1,033,486 | \$ 1,037,140 |

(1) Represents the derivative forward value loss recorded by National Rural for the year-to-date period.

The leverage and debt to equity ratios using GAAP financial measures are calculated as follows:

| Leverage ratio $=$ | Liabilities + guarantees <br> outstanding <br> Total equity |
| :--- | :---: |
| Debt to equity ratio $=$ | Liabilities |
| Total equity |  |

The adjusted leverage and debt to equity ratios are calculated as follows:
Adjusted liabilities + guarantees
Adjusted leverage ratio $=\quad$ outstanding
Adjusted equity
Adjusted debt to equity Adjusted liabilities ratio $=$

Adjusted equity

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The following table provides the calculated ratio for leverage and debt to equity, as well as the adjusted ratio calculations. The adjusted leverage ratio and the adjusted debt to equity ratio are the same calculation except for the addition of guarantees to adjusted liabilities in the adjusted leverage ratio.

|  | August 31, 2008 | May 31, 2008 |
| :--- | :---: | :---: |
| Leverage ratio | 36.22 | 29.64 |
| Adjusted leverage ratio | 8.42 | 7.50 |
|  |  |  |
| Debt to equity ratio | 34.49 | 28.08 |
| Adjusted debt to equity ratio | 7.97 | 7.06 |

Item 3. Quantitative and Qualitative Disclosures About Market Risk
See Market Risk discussion beginning on page 48.
Item 4T.Controls and Procedures
Senior management, including the Chief Executive Officer and Chief Financial Officer, evaluated the effectiveness of the Company's disclosure controls and procedures as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934 ("the Exchange Act"). At the end of the period covered by this report, based on this evaluation process, the Chief Executive Officer and Chief Financial Officer have concluded that the Company's disclosure controls and procedures are effective. There were no changes in the Company's internal control over financial reporting that occurred during our last fiscal quarter that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

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## PART II.OTHER INFORMATION

Item 1A. Risk Factors

Refer to Part I, Item 1A. Risk Factors in the Company's Form 10-K for the year ended May 31, 2008 for information regarding factors that could affect the Company's results of operations, financial condition and liquidity. There have been no changes to the Company's risk factors during the quarter ended August 31, 2008.

Item 6. Exhibits
4.29 -Bond Purchase Agreement between the Registrant, Federal Financing Bank and Rural Utilities Service dated as of September 19, 2008 for up to $\$ 500,000,000$.
4.30 -Series C Bond Guarantee Agreement between the Registrant and the Rural Utilities Service dated as of September 19, 2008 for up to $\$ 500,000,000$.
4.31 -Pledge Agreement dated as of September 19, 2008, between the Registrant, the Rural Utilities Service and U.S. Bank Trust National Association.
4.32 -Series C Future Advance Bond from the Registrant to the Federal Financing Bank dated as of September 19, 2008 for up to $\$ 500,000,000$ maturing on October 15, 2031.
4.33 -Amendment No. 1 dated as of September 19, 2008 to the Pledge Agreement dated as of April 28, 2006, between the Registrant, the Rural Utilities Service and U.S. Bank Trust National Association.
10.13-Third Amendment to Agreement of Purchase and Sale between National Rural and DTC Partners, LLC dated as of August 25, 2008. Graphics to the Third Amendment to Agreement of Purchase and Sale have been omitted and will be furnished supplementally to the Securities and Exchange Commission upon request.
31.1 -Certification of the Chief Executive Officer required by Section 302 of the Sarbanes-Oxley Act of 2002.
31.2 -Certification of the Chief Financial Officer required by Section 302 of the Sarbanes-Oxley Act of 2002.
32.1 -Certification of the Chief Executive Officer required by Section 906 of the Sarbanes-Oxley Act of 2002.
32.2 -Certification of the Chief Financial Officer required by Section 906 of the Sarbanes-Oxley Act of 2002.

## Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION
/s/ STEVEN L. LILLY
Steven L. Lilly
Chief Financial Officer
/s/ ROBERT E. GEIER
Robert E. Geier
Controller
(Principal Accounting Officer)

October 14, 2008

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[^0]:    See accompanying notes.

