NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/
Form 10-K
August 29, 2008
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-K

## x ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF

THE SECURITIES EXCHANGE ACT OF 1934
For the fiscal year ended May 31, 2008

## OR

* TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the transition period from to
Commission File Number 1-7102
NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION
(Exact name of registrant as specified in its charter)
DISTRICT OF COLUMBIA
(State or other jurisdiction of incorporation or organization)
52-0891669
(I.R.S. Employer Identification Number)
2201 COOPERATIVE WAY, HERNDON, VA 20171
(Address of principal executive offices)
(Registrant's telephone number, including area code, is 703-709-6700)

Securities registered pursuant to Section 12(b) of the Act:

| Name of | Name of |
| :---: | :---: |
| each | each |
| exchange | exchange |
| on | on |


|  | which |  | which |
| :---: | :---: | :---: | :---: |
| Title of each class | listed | Title of each class | listed |
| 5.75\% Collateral Trust | NYSE | 7.35\% Collateral Trust | NYSE |
| Bonds, due 2008 |  | Bonds, due 2026 |  |
| 5.70\% Collateral Trust Bonds, due 2010 | NYSE | $6.75 \%$ Subordinated Notes, due 2043 | NYSE |
| 7.20\% Collateral Trust Bonds, due 2015 | NYSE | 6.10\% Subordinated Notes, due 2044 | NYSE |
| 6.55\% Collateral Trust <br> Bonds, due 2018 | NYSE | $5.95 \%$ Subordinated Notes, due 2045 | NYSE |

Indicated by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes x No "

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Act. Yes " No x

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 if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (Section 229.405 of this chapter) is not contained herein, and will not be contained, to the best of the registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. x

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 the definitions of "large accelerated filer," "accelerated filer," and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer " Accelerated filer " $\quad$ Non-accelerated filer x $\quad$ 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.

## TABLE OF CONTENTS


Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K
Liquidity and Capital Resources ..... 43
Market Risk ..... 46
Non-GAAP Financial Measures ..... 51
7A. Quantitative and Qualitative Disclosures About Market Risk ..... 55
8. Financial Statements and Supplementary Data ..... 55
9. Changes in and Disagreements with Accountants on Accounting and ..... 55
Financial Disclosure
9A(T). Controls and Procedures ..... 55
9B. Other Information ..... 56
III. 10. Directors, Executive Officers and Corporate Governance ..... 57
11. Executive Compensation ..... 62
12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters ..... 72
13. Certain Relationships and Related Transactions, and Director ..... 72
Independence
14. Principal Accountant Fees and Services ..... 74
IV. 15. Exhibits and Financial Statement Schedules ..... 75
Signatures ..... 78

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This Form 10-K 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, the interest expense, 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 $10-\mathrm{K}$, including that set forth under Item 1 A , Risk Factors.

## PART I

Item 1. Business.
General
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. National Rural's internet address is www.nrucfc.coop, where under "Investors," copies can be found of this annual report on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K, and amendments thereto, all of which National Rural makes available, free of charge, as soon as reasonably practicable after the report is filed with the SEC. Information posted on National Rural's website is not incorporated by reference into this Form 10-K.

For financial statement purposes, the results of operations and financial condition of National Rural are consolidated with and include Rural Telephone Finance Cooperative ("RTFC") and National Cooperative Services Corporation ("NCSC"). 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. National Rural also reports the operations for each of National Rural, RTFC and NCSC as

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

separate segments. See Note 17 to the consolidated financial statements for further information on the Company's segment reporting

RTFC is a private not-for-profit cooperative association originally incorporated in the state of South Dakota in 1987 and reincorporated in the District of Columbia in 2005. The principal purpose of RTFC is to provide and arrange financing for its rural telecommunications members and their affiliates. National Rural is the sole lender to and manages the lending and financial affairs of RTFC through a long-term management agreement. Under a guarantee agreement, RTFC pays National Rural a fee in exchange for which National Rural reimburses RTFC for loan losses. 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.

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 and 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. 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. Under a guarantee agreement, NCSC pays National Rural a fee in exchange for which National Rural reimburses NCSC for loan losses, excluding losses in the consumer loan program. NCSC is headquartered with National Rural in Herndon, Virginia. NCSC is a taxable corporation.

## Members

The Company's consolidated membership was 1,538 as of May 31, 2008 including 898 utility members, the majority of which are consumer-owned electric cooperatives, 511 telecommunications members, 66 service members and 63 associates in 49 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 between National Rural, RTFC and NCSC have been eliminated in consolidation.

National Rural currently has four classes of electric members:

- Class A - cooperative or not-for-profit distribution systems;
- Class B - cooperative or not-for-profit power supply systems;
- Class C - statewide and regional associations wholly-owned or controlled by Class A or Class B members; and
- Class D - national associations of cooperatives.

Class A membership in National Rural is limited to cooperative or not-for-profit distribution systems that receive or are eligible to receive loans or other assistance from RUS. The associates are not-for-profit entities organized on a cooperative basis which are owned, controlled or operated by Class A, B or C members and which provide non-electric services primarily for the benefit of ultimate consumers. Associates are not entitled to vote at any meeting of the members and are not eligible to be represented on National Rural's board of directors. All references to members within this document include members and associates.

Membership in RTFC is limited to commercial (for-profit) or cooperative (not-for-profit) telecommunications systems that receive or are eligible to receive loans or other assistance from RUS, and that are engaged (or plan to be engaged) in providing telecommunications services to ultimate users.

Membership in NCSC is limited to National Rural and organizations that are Class A members of National Rural or are eligible to be Class A members of National Rural.

In many cases, the residential and commercial customers of National Rural's electric members are also the customers of RTFC's telecommunications members, as the service territories of the electric and telecommunications members overlap in many of the rural areas of the United States.

Set forth below is a table showing by state or U.S. territory the total number of National Rural, RTFC and NCSC members, the percentage of total loans and the percentage of total loans and guarantees outstanding at May 31, 2008.

| State/Territory | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Members } \end{aligned}$ | $\begin{gathered} \text { Loan } \\ \% \end{gathered}$ | Loan and Guarantee \% | State/Territory |  | $\begin{gathered} \text { Loan } \\ \% \end{gathered}$ | Loan and Guarantee \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | 30 | 2.18\% | 2.43\% | Missouri | 65 | 3.59\% | 3.78\% |
| Alaska | 30 | 1.96\% | 1.86\% | Montana | 40 | 0.70\% | 0.71\% |
| American Samoa | 1 | - | - | Nebraska | 40 | 0.10\% | 0.09\% |
| Arizona | 27 | 1.09\% | 1.20\% | Nevada | 7 | 0.82\% | 0.80\% |
| Arkansas | 30 | 2.74 \% | $2.64{ }^{\%}$ | New <br> Hampshire | 4 | 0.75 | $0.88{ }^{\text {\% }}$ |
| California | 11 | 0.14\% | 0.16\% | New Jersey | 1 | 0.09\% | 0.09\% |
| Colorado | 39 | 4.95\% | 4.96\% | New Mexico | 25 | 0.19\% | 0.19\% |
| Connecticut | 1 | 1.05\% | 1.00\% | New York | 21 | 0.10\% | 0.10\% |
| Delaware | 1 | 0.20 \% | $0.19 \%$ | North Carolina | 42 | 2.56 | 2.93 \% |
| District of Columbia | 4 | 0.05\% | 0.13\% | North Dakota | 33 | 0.36\% | 0.38\% |
| Florida | 19 | 3.56\% | 3.39\% | Ohio | 42 | 2.39\% | 2.31\% |
| Georgia | 68 | 8.24\% | 7.94\% | Oklahoma | 49 | 2.54\% | 2.41\% |
| Guam | 1 | - | - | Oregon | 39 | 1.59\% | 1.66\% |
| Hawaii | 1 | 0.04\% | 0.04\% | Pennsylvania | 26 | 1.88\% | 1.87\% |
| Idaho | 17 | $0.83 \%$ | 0.80 \% | South Carolina | 38 | 2.55 | $2.45{ }^{\%}$ |
| Illinois | 52 | 3.16\% | 2.99\% | South Dakota | 46 | 0.78\% | 0.74\% |
| Indiana | 52 | 2.79\% | 2.64\% | Tennessee | 29 | 0.57\% | 0.54\% |
| Iowa | 118 | 2.44\% | 2.36\% | Texas | 108 | 16.00\% | 16.14\% |
| Kansas | 49 | 4.62\% | 4.68\% | Utah | 11 | 3.00\% | 2.91\% |
| Kentucky | 33 | 1.91\% | 2.33\% | Vermont | 7 | 0.39\% | 0.38\% |
| Louisiana | 17 | 1.76\% | 1.67\% | Virgin Islands | - | 2.58\% | 2.45\% |
| Maine | 6 | 0.02\% | 0.02\% | Virginia | 27 | 1.24\% | 1.19\% |
| Maryland | 2 | 1.18\% | 1.18\% | Washington | 19 | 0.65\% | 0.71\% |
| Massachusetts | 1 | - | - | West Virginia | 4 | 0.03\% | 0.03\% |
| Michigan | 27 | 1.39\% | 1.33\% | Wisconsin | 62 | 2.02\% | 1.92\% |
| Minnesota | 74 | 3.45\% | 3.28\% | Wyoming | 15 | 0.70\% | 0.73\% |
| Mississippi | 27 | 2.08\% | 2.39\% | Total | 1,538 | 100.00\% | 100.00\% |

Distribution Systems
Distribution systems are utilities engaged in retail sales of electricity to consumers in their service areas. Most distribution systems have all-requirements power purchase contracts with their power supply systems, which are owned and controlled by the member distribution systems. Wholesale power for resale also comes from other sources, including power supply contracts with government agencies, investor-owned utilities and other entities, and in rare cases, the distribution system's own generating facilities.

Wholesale power supply contracts ordinarily guarantee neither an uninterrupted supply nor a constant cost of power. Contracts with RUS-financed power supply systems (which generally require the distribution system to purchase all its power requirements from the power supply system) provide for rate increases to pass along increases in sellers' costs. The wholesale power contracts permit the power supply system, subject to approval by RUS and, in certain circumstances, regulatory agencies, to establish rates to its members so as to produce revenues sufficient, with

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

revenues from all other sources, to meet the costs of operation and maintenance (including replacements, insurance, taxes and administrative and general overhead expenses) of all generating, transmission and related facilities, to pay the cost of any power and energy purchased for resale, to pay the costs of generation and transmission, to make all payments on account of all indebtedness and lease obligations of the power supply system and to provide for the establishment and maintenance of reasonable reserves. The board of directors of the power supply system may review the rates under the wholesale power contracts at least annually.

Power contracts with investor-owned utilities and power supply systems which do not borrow from RUS generally have rates subject to regulation by the Federal Energy Regulatory Commission ("FERC"). Contracts with federal agencies generally permit rate changes by the selling agency (subject, in some cases, to federal regulatory approval).

Power Supply Systems
Power supply systems are utilities that purchase or generate electric power and provide it on a wholesale basis to distribution systems for delivery to the ultimate retail consumer. Of the 61 operating power supply systems that have financing commitments from National Rural at December 31, 2007 (the most recent year for which data is available as of the date of filing this Form $10-\mathrm{K}$ ), 37 had generating capacity of at least 100 megawatts, 7 had less than 100 megawatts of generating capacity and 17 had no generating capacity. The systems with no generating capacity generally operated transmission lines to
supply certain distribution systems. Certain other power supply systems have been formed but do not yet own generating or transmission facilities or have financing commitments from National Rural.

Service Organizations and Associate Systems
Service organizations include National Rural Electric Cooperative Association ("NRECA"), statewide and regional cooperative associations. NRECA represents cooperatives nationally.

Associates include organizations that are owned, controlled or operated by Class A, B or C members and that provide non-electric services primarily for the benefit of ultimate consumers.

Telecommunications Systems
Telecommunications systems include not-for-profit cooperative organizations and for-profit commercial organizations that primarily provide local exchange and access telecommunications services to rural areas.

Independent rural telecommunications companies provide service throughout many of the rural areas of the United States. These companies, which number approximately 1,300 , are called independent because they are not affiliated with Verizon, AT\&T or Qwest. Included in the 1,300 total are approximately 250 not-for-profit cooperative telecommunications companies. The remainder of these independent rural telecommunications companies are family-owned or privately-held commercial companies. Approximately 20 of these commercial companies are publicly traded or issue bonds publicly.

Rural telecommunications companies, including all local exchange carriers ("LECs") other than Verizon, AT\&T, Qwest, Cincinnati Bell and Embarq (formerly Sprint's local exchange properties) comprise less than $15 \%$ of a local exchange telecommunications industry that provides service to over 172 million access lines. These rural companies range in size from fewer than 100 customers to more than one million. Rural telecommunications companies' annual operating revenues range from less than $\$ 100,000$ to over $\$ 2$ billion. In addition to basic local exchange and access telecommunications service, most independents offer other communications services including wireless telephone, cable television and internet access. Most rural telecommunications companies' networks incorporate digital switching, fiber optics, internet protocol telephony and other advanced technologies.

## Loan Programs

Set forth below is a table showing the weighted average loans outstanding to borrowers and the weighted average interest rates thereon by loan program and by segment during fiscal years ended May 31:

|  | 2008 |  | Weighted <br> loaghted average <br> average <br> interest rate | Weighted average <br> loans outstanding |
| :--- | :---: | :---: | :---: | :---: |
| (Dollar amounts in thousands) | Weighted <br> average <br> interest rate |  |  |  |
| Total by loan type: (1) | $\$ 14,573,227$ | $6.05 \%$ | $\$ 14,323,272$ | $5.87 \%$ |
| Long-term fixed rate loans | $1,170,017$ | $6.94 \%$ | $1,433,484$ | $7.58 \%$ |
| Long-term variable rate loans | 252,788 | $5.49 \%$ | 258,407 | $5.59 \%$ |
| Loans guaranteed by RUS | $1,310,313$ | $5.89 \%$ | $1,028,585$ | $7.06 \%$ |
| Short-term loans | 504,310 | $0.01 \%$ | 534,733 | $0.02 \%$ |
| Non-performing loans | 589,662 | $0.64 \%$ | 614,580 | $0.61 \%$ |
| Restructured loans | $\$ 18,400,317$ | $5.81 \%$ | $\$ 18,193,061$ | $5.79 \%$ |
| Total loans |  |  |  |  |

Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

| Total by segment: |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| National Rural | $\$ 16,167,441$ | $5.85 \%$ | $\$ 15,803,285$ | $5.80 \%$ |
| RTFC | $1,791,100$ | $4.97 \%$ | $1,993,672$ | $5.30 \%$ |
| NCSC | 441,776 | $7.68 \%$ | 396,104 | $8.00 \%$ |
| Total | $\$ 18,400,317$ | $5.81 \%$ | $\$ 18,193,061$ | $5.79 \%$ |

(1) Loans are classified as long-term or short-term based on their original maturity.

4

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Total loans outstanding by state or U.S. territory based on the location of the system's headquarters are summarized below at
May 31:

| (in thousands) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State/Territory | 2008 | 2007 | 2006 | State/Territory | 2008 | 2007 | 2006 |
| Alabama \$ | \$ 414,961 | \$ 347,723 | \$ 355,420 | Montana | \$ 133,655 | \$ 132,603 | \$ 147,731 |
| Alaska | 371,768 | 335,352 | 333,716 | Nebraska | 18,756 | 16,447 | 14,149 |
| American <br> Samoa | 769 | 769 | 1,604 | Nevada | 155,625 | 147,401 | 137,701 |
| Arizona | 206,558 | 178,659 | 169,754 | New Hampshire | 143,417 | 149,496 | 164,651 |
| Arkansas | 522,018 | 518,273 | 549,552 | New Jersey | 17,747 | 18,217 | 18,211 |
| California | 25,968 | 27,283 | 24,362 | New Mexico | 36,636 | 32,344 | 36,528 |
| Colorado | 942,179 | 922,558 | 876,100 | New York | 19,735 | 19,844 | 21,782 |
| Connecticut | 200,000 | 200,000 | 200,000 | North Carolina | 487,249 | 519,214 | 522,194 |
| Delaware | 37,950 | 39,582 | 23,842 | North Dakota | 69,120 | 77,072 | 77,002 |
| District of Columbia | 9,514 | 9,717 | 9,908 | Ohio | 455,491 | 390,350 | 410,346 |
| Florida | 677,365 | 617,010 | 659,416 | Oklahoma | 483,623 | 480,536 | 490,351 |
| Georgia | 1,567,108 | 1,566,308 | 1,557,675 | Oregon | 303,166 | 305,506 | 305,961 |
| Hawaii | 6,804 | 7,157 | 7,500 | Pennsylvania | 357,337 | 376,193 | 438,914 |
| Idaho | 157,703 | 168,253 | 165,035 | South Carolina | 484,733 | 476,139 | 501,990 |
| Illinois | 600,571 | 543,389 | 509,391 | South Dakota | 147,916 | 161,247 | 169,335 |
| Indiana | 530,008 | 481,243 | 432,953 | Tennessee | 107,575 | 96,073 | 111,043 |
| Iowa | 465,056 | 482,513 | 468,236 | Texas | 3,044,117 | 2,618,010 | 2,877,586 |
| Kansas | 878,630 | 849,864 | 593,670 | Utah | 570,971 | 565,768 | 580,472 |
| Kentucky | 363,720 | 355,503 | 335,551 | Vermont | 74,957 | 75,905 | 81,761 |
| Louisiana | 333,984 | 320,765 | 382,505 | Virgin <br> Islands | 491,706 | 492,795 | 488,392 |
| Maine | 4,566 | 9,884 | 11,737 | Virginia | 235,916 | 184,986 | 209,153 |
| Maryland | 224,754 | 206,491 | 176,797 | Washington | 122,674 | 110,907 | 102,128 |
| Michigan | 265,116 | 271,541 | 294,162 | West <br> Virginia | 6,109 | 5,355 | 7,700 |
| Minnesota | 655,576 | 731,883 | 744,941 | Wisconsin | 384,748 | 369,427 | 348,351 |
| Mississippi | 395,423 | 366,989 | 426,634 | Wyoming | 133,087 | 117,374 | 117,098 |
| Missouri | 682,860 | 630,289 | 669,914 | Total | \$19,026,995 | \$ 18,128,207 | \$ 18,360,905 |

The Company's loan portfolio is widely dispersed throughout the United States and its territories, including 48 states, the District of Columbia, American Samoa and the U.S. Virgin Islands. At May 31, 2008, 2007 and 2006, loans outstanding to borrowers located in any one state or territory did not exceed $16 \%, 15 \%$ and $16 \%$, respectively, of total loans outstanding.

Interest Rates on Loans

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

National Rural's goal as a not-for-profit cooperatively-owned finance company is to set rates at levels that will provide its members with low cost financing while maintaining sound financial results as required to obtain high credit ratings on its debt instruments. National Rural sets its interest rates primarily based on its cost of funding, as well as general and administrative expenses, the loan loss provision and a reasonable level of earnings. Various discounts, which reduce the stated interest rates, are available to borrowers meeting certain criteria related to business type, performance, volume and whether National Rural is their sole mortgage holder.

## National Rural Loan Programs

Long-Term Loans
Long-term loans are generally for terms of up to 35 years and can be either amortizing or bullet loans with serial payment structures. These loans finance electric plant and equipment which typically have a useful life equal to or in excess of the loan maturity. A borrower can select a fixed interest rate for periods of one to 35 years or a variable rate. Upon the expiration of the selected fixed interest rate term, the borrower may select another fixed rate term or the variable rate. National Rural sets long-term fixed rates daily and the long-term variable rate is set on the first business day of each month. The fixed rate on a loan is determined on the day the loan is advanced or repriced based on the rate term selected. A borrower may divide its loan into various tranches. The borrower then has the option of selecting a fixed or variable interest rate for each tranche.

In addition to National Rural's customary loan standards, to be eligible for long-term loan advances, distribution systems generally must maintain an average modified debt service coverage ratio ("MDSC"), as defined in the loan agreement, of 1.35 or greater. Similarly, power supply systems generally must maintain an average times interest earned ratio ("TIER") and MDSC, as defined in the loan agreement, of 1.0 or greater. These are general guidelines only and National Rural has in the past and may in the future make long-term loans to distribution and power supply systems that do not meet these criteria.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## Short-Term Loans

National Rural's short-term loans are line of credit loans and generally are advanced only at a variable interest rate. The line of credit variable interest rate is set on the first business day of each month. The principal amount of line of credit loans with maturities of greater than one year generally must be paid down to a zero outstanding principal balance for five consecutive days during each 12-month period.

Interim financing line of credit loans are also made available to National Rural members that have a loan application pending with RUS and have received approval from RUS to obtain interim financing. Advances under these interim facilities are made with the agreement that they will be repaid with advances from RUS long-term loans.

## RTFC Loan Programs

The RTFC loan portfolio is concentrated in the core rural local exchange carrier ("RLEC") segment of the telecommunications market. Most of these RLECs have evolved from solely being voice service providers to being providers of voice, data and, often times, video and wireless services. RLECs are characterized by the low population density of their service territories. Services are generally delivered over networks that include fiber optic cable and digital switching. There is generally a significant barrier to competitive entry.

The businesses to which the remaining RTFC loans have been made generally support the operations of the RLECs and are owned, operated or controlled by RLECs. Many such loans are supported by payment guarantees from the sponsoring RLECs.

## Long-Term Loans

RTFC makes long-term loans to rural telecommunications companies and their affiliates for the acquisition, construction or upgrade of wireline telecommunications systems, wireless telecommunications systems, fiber optic networks, cable television systems and other corporate purposes. Long-term loans are generally for periods not exceeding 15 years. Loans may be advanced at a fixed or variable interest rate. Fixed rates are generally available for periods from one year to the final loan maturity. Upon the expiration of the selected fixed interest rate term, the borrower may select another fixed rate term or a variable rate. Long-term fixed rates for telecommunications loans are set daily and the long-term variable rate is set on the first business day of each month. The fixed rate on a loan is determined on the day the loan is advanced or converted to a fixed rate based on the term selected. A borrower may divide its loan into various tranches. The borrower then has the option of selecting a fixed or variable interest rate for each tranche.

To borrow from RTFC, a wireline telecommunications system generally must be able to demonstrate the ability to achieve and maintain an annual debt service coverage ratio ("DSC") and an annual TIER of 1.25 and 1.50 , respectively. To borrow from RTFC, a cable television system, fiber optic network or wireless telecommunications system generally must be able to demonstrate the ability to achieve and maintain an annual DSC of 1.25 . Loans made to start-up ventures using emerging technologies are evaluated based on the quality of the business plan, experience of the management team and the level and quality of credit support from established companies. Based on the business plan, specific covenants are developed for each transaction which require performance at levels deemed sufficient to repay the RTFC obligations under the approved terms.

## Short-Term Loans

RTFC provides line of credit loans to telecommunications systems for periods generally not to exceed five years. These line of credit loans are typically revolving facilities and generally require the borrower to pay off the principal balance for five consecutive business days at least once during each 12 -month period. These line of credit loans may be provided on a secured or unsecured basis and are designed primarily to assist borrowers with liquidity and cash management.

Interim financing line of credit loans are also made available to RTFC members that have a loan application pending with RUS and have received approval from RUS to obtain interim financing. These loans are for terms up to 24 months and the borrower must repay the RTFC loan with advances from the RUS long-term loans.

NCSC Loan Programs
NCSC makes long-term and short-term loans to rural utility members and organizations affiliated with its members. Loans may be secured or unsecured. The loans to the affiliated organizations may have a guarantee of repayment to NCSC from the National Rural member cooperative with which it is affiliated.

## Lease and General Loan Program

NCSC provided financing for the purchase of utility plant and/or related equipment, in some cases by a third party in a sale/leaseback transaction. Collateral for these loans consists of a mortgage on the leased asset, utility plant and/or related equipment. NCSC is not a party to these lease agreements. NCSC no longer provides new financing of this type.

## Associate Member Loan Program

NCSC provides financing to for-profit or not-for-profit affiliated entities of member cooperatives for economic and community development purposes. Collateral for these loans generally consists of a first mortgage lien on the assets of the associate member and/or project. These loans are also generally guaranteed by the sponsoring cooperative.

RUS Guaranteed Loans for Rural Electric Systems
National Rural may participate as an eligible lender in the RUS loan guarantee program under the terms and conditions of a master loan guarantee and servicing agreement between RUS and National Rural. Under this agreement, National Rural may make long-term secured loans to eligible members for periods of up to 35 years, at fixed or variable rates established by National Rural. RUS guarantees the principal and interest payments on the notes evidencing such loans. At May 31, 2008, National Rural had $\$ 215$ million of loans outstanding under this program. In addition, at May 31, 2008, National Rural was holding certificates totaling $\$ 35$ million representing interests in trusts holding RUS guaranteed loans.

## Conversion of Loans

A borrower may convert a long-term loan from a variable interest rate to a fixed interest rate at any time without a fee. Such conversion will be effective on the first day of the following month. Generally, a borrower may convert from a fixed rate to another fixed rate or to a variable rate at any time, subject to a fee in most instances. The fee on the conversion of a fixed interest rate to a variable interest rate is 25 basis points plus a make-whole premium, if applicable, per current loan policies.

## Prepayment of Loans

Generally, borrowers may prepay long-term loans at any time, subject to the payment of a prepayment fee of 33 to 50 basis points and a make-whole premium, if applicable. Line of credit loans may be repaid at any time without a premium if in variable interest rate mode.

## Loan Security

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.

The following tables summarize the Company's secured and unsecured loans outstanding by loan program and by segment at May 31:

| (Dollar amounts in | 2008 |  |  |  | 2007 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total by loan program: | Secured | \% | Unsecured | \% | Secured | \% | Unsecured | \% |
| Long-term fixed rate loans | \$14,732,058 | 97\% | \$ 472,556 | 3\% | \$14,180,956 | 97\% | \$ 482,384 | 3\% |
| Long-term variable rate loans | 1,728,803 | 92\% | 153,292 | 8\% | 1,865,821 | 94\% | 127,713 | 6\% |
| Loans guaranteed by RUS | 250,169 | 100\% | - | - | 255,903 | 100\% | - |  |
| Short-term loans | 165,226 | 10\% | 1,524,891 | 90\% | 191,231 | 16\% | 1,024,199 | 84\% |
| Total loans | \$16,876,256 | 89\% | \$ 2,150,739 | 11\% | \$16,493,911 | 91\% | \$ 1,634,296 | 9\% |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

| Total by segment: |  |  |  |  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| National Rural | $\$ 15,021,067$ | $89 \%$ | $\$ 1,865,340$ | $11 \%$ | $\$ 14,462,448$ | $92 \%$ | $\$ 1,342,842$ | $8 \%$ |
| RTFC | $1,497,487$ | $87 \%$ | 229,027 | $13 \%$ | $1,630,079$ | $88 \%$ | 230,300 | $12 \%$ |
| NCSC | 357,702 | $86 \%$ | 56,372 | $14 \%$ | 401,384 | $87 \%$ | 61,154 | $13 \%$ |
| Total loans | $\$ 16,876,256$ | $89 \%$ | $\$ 2,150,739$ | $11 \%$ | $\$ 16,493,911$ | $91 \%$ | $\$ 1,634,296$ | $9 \%$ |

## Guarantee Programs

The Company uses the same credit policies and monitoring procedures in providing guarantees as it does for loans and commitments. The following chart provides a breakout of guarantees outstanding by type at May 31:

| (in thousands) | 2008 | 2007 |
| :--- | :---: | :---: |
| Long-term tax-exempt bonds | $\$ 498,495$ | $\$ 526,185$ |
| Indemnifications of tax benefit transfers | 94,821 | 107,741 |
| Letters of credit | 343,424 | 365,766 |
| Other guarantees | 100,400 | 74,682 |
| $\quad$ Total | $\$ 1,037,140$ | $\$ 1,074,374$ |

Members' interest expense for the years ended May 31, 2008 and 2007 on debt obligations guaranteed by the Company was approximately $\$ 21$ million and $\$ 20$ million, respectively.

## 7

## Guarantees of Long-Term Tax-Exempt Bonds

The Company has guaranteed debt issued in connection with the construction or acquisition by its members of pollution control, solid waste disposal, industrial development and electric distribution facilities. Governmental authorities issue such debt and the interest thereon is exempt from federal taxation. The proceeds of the offering are made available to the member system, which in turn is obligated to pay the governmental authority amounts sufficient to service the debt. The debt, which is guaranteed by the Company, may include short- and long-term obligations.

In the event of a default by a system for non-payment of debt service, the Company is obligated to pay, after available debt service reserve funds have been exhausted, scheduled debt service under its guarantee. The bond issue may not be accelerated due to such non-payment by the system so long as the Company performs under its guarantee. The system is required to repay, on demand, any amount advanced by the Company pursuant to its guarantee. This repayment obligation is secured on a pari passu basis with other lenders (including, in most cases, RUS), by a lien on substantially all of the system's assets. If the security instrument is a common mortgage with RUS, then in general, the Company may not exercise remedies thereunder for up to two years following default. However, if the debt is accelerated under the common mortgage because of a determination that the interest thereon is not tax-exempt, the system's obligation to reimburse the Company for any guarantee payments will be treated as a long-term loan. The system is required to pay to the Company initial and/or on-going guarantee fees in connection with these transactions.

Certain guaranteed long-term debt bears interest at variable rates which are adjusted at intervals of one to 270 days, weekly, each five weeks or semi-annually to a level expected to permit their resale or auction at par. At the option of the member on whose behalf it is issued, and provided funding sources are available, rates on such debt may be fixed until maturity. Holders have the right to tender the debt for purchase at par at the time rates are reset when the debt bears interest at a variable rate and the Company has committed to purchase debt so tendered if it cannot otherwise be remarketed. If the Company held the securities, the cooperative would pay interest to the Company at its short-term rate. Since the inception of the program in the mid-1980s, all bonds have been successfully remarketed and thus, the Company has not been required to purchase any bonds. At May 31, 2008, the Company was the guarantor and liquidity provider for $\$ 330$ million of tax-exempt bonds issued for its member cooperatives. Additionally, National Rural was the guarantor, but not liquidity provider, for $\$ 155$ million of tax-exempt bonds that were in the auction rate mode.

## Guarantees of Tax Benefit Transfers

The Company also has guaranteed members' obligations to indemnify against loss of tax benefits in certain tax benefit transfers that occurred in 1981 and 1982. A member's obligation to reimburse the Company for any guarantee payments would be treated as a long-term loan, secured on a pari passu basis with RUS by a first lien on substantially all the member's property to the extent of any cash received by the member at the outset of the transaction. The remainder would be treated as a short-term loan secured by a subordinated mortgage on substantially all of the member's property. Due to changes in federal tax law, no guarantees of this nature have been put in place since 1982. The maturities for this type of guarantee run through 2015.

## Letters of Credit

The Company issues irrevocable letters of credit to support members' obligations to energy marketers, other third parties and to the Rural Business and Cooperative Development Service. Letters of credit may be issued on a secured or unsecured basis and with such issuance fees as may be determined from time to time. Each letter of credit issued by National Rural is supported by a reimbursement agreement with the member on whose behalf the letter of credit was issued. In the event a beneficiary draws on a letter of credit, the agreement generally requires the member to reimburse the Company within one year from the date of the draw, with interest accruing from such date at the Company's short-term variable rate of interest.

Other Guarantees

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The Company may provide other guarantees as requested by its members. Such guarantees may be made on a secured or unsecured basis with guarantee fees set to cover the Company's general and administrative expenses, a provision for losses and a reasonable margin.

The following chart summarizes total guarantees by segment at May 31:

| (Dollar amounts in thousands) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| National Rural: | 2008 |  | 2007 |  |
| Distribution | \$ 184,459 | 18\% | \$ 211,320 | 20\% |
| Power supply | 786,455 | 76\% | 797,009 | 74\% |
| Statewide and associate | 22,785 | 2\% | 25,359 | 2\% |
| National Rural Total | 993,699 | 96\% | 1,033,688 | 96\% |
| RTFC | 260 | - | - | - |
| NCSC | 43,181 | 4\% | 40,686 | 4\% |
| Total | \$ 1,037,140 | 100\% | \$ 1,074,374 | 100\% |

8

Total guarantees outstanding, by state and territory based on the location of the system's headquarters, are summarized as follows at May 31:

| State/Territory | 2008 | 2007 | 2006 | State/Territory | 2008 | 2007 | 2006 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama \$ | 72,070 | \$ 72,348 | \$ 22,250 | Montana | \$ 9,056 | \$ 9,029 | \$ 145 |
| Alaska | 1,900 | 1,900 | 1,800 | Nebraska | 4 | 6 | - |
| Arizona | 33,745 | 38,301 | 43,699 | Nevada | 5,400 | 5,400 | - |
| Arkansas | 8,008 | 12,027 | 15,921 | New <br> Hampshire | 32,767 | 34,550 | 9,550 |
| California | 6,110 | 1,010 | - | New Mexico | 1,048 | 1,020 | 1,016 |
| Colorado | 53,467 | 54,236 | 55,131 | North Carolina | 99,729 | 100,630 | 107,817 |
| District of |  |  |  | North Dakota |  |  |  |
| Columbia | 17,448 | 20,998 | 21,428 |  | 6,474 | 7,115 | - |
| Florida | 3,725 | 4,623 | 100,038 | Ohio | 8,000 | 5,500 | 2,000 |
| Georgia | 26,775 | 26,027 | 35,283 | Oklahoma | 754 | 3,056 | 4,358 |
| Idaho | 3,173 | 3,173 | - | Oregon | 29,034 | 29,439 | 24,922 |
| Illinois | 229 | 219 | 225 | Pennsylvania | 17,416 | 17,519 | 18,307 |
| Indiana | 13 | 7 | 911 | South Carolina | 6,300 | 7,819 | 50 |
| Iowa | 8,271 | 8,240 | 8,517 | South <br> Dakota | 20 | 6 | - |
| Kansas | 60,797 | 55,472 | 42,561 | Tennessee | 1,460 | 296 | 295 |
| Kentucky | 102,423 | 124,013 | 121,864 | Texas | 194,214 | 152,307 | 167,881 |
| Louisiana | 389 | 4,733 | 4,778 | Utah | 13,495 | 17,193 | 20,594 |
| Maine | 2 | 1 | - | Vermont | 1,250 | 3,500 | 1,250 |
| Maryland | 11,725 | 25,266 | 24,800 | Virginia | 3,447 | 3,935 | 4,133 |
| Michigan | 2,232 | 2,123 | 1,163 | Washington | 19,050 | 23,171 | 250 |
| Minnesota | 3,025 | 10,585 | 76,010 | Wisconsin | 320 | 32 | 322 |
| Mississippi | 83,549 | 88,312 | 37,267 | Wyoming | 13,724 | 13,969 | 9,370 |
| Missouri | 75,102 | 85,268 | 93,074 | Total | \$ 1,037,140 | \$ 1,074,374 | \$ 1,078,980 |

## Disaster Recovery

The Company has had a comprehensive disaster recovery and business continuity plan in place since May of 2001. The plan includes a duplication of the Company's production information systems at an off-site facility coupled with an extensive business recovery plan to utilize those remote systems. The Company's production data is replicated in real time to the recovery site 24 hours a day, 7 days a week. The plan also includes steps for each of the Company's operating groups to conduct business with a view to minimizing disruption for customers. The Company has conducted Disaster Recovery exercises twice a year that include both the information technology group and business areas. The Company contracts with an external vendor for the facilities to house the National Rural owned backup systems as well as office space and related office equipment. Backup tapes are also stored at an off-site storage location managed by an external vendor.

[^0]
## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

In 1969, National Rural obtained a ruling from the Internal Revenue Service recognizing National Rural's exemption from the payment of federal income taxes under Section 501(c)(4) of the Internal Revenue Code. Such exempt status could be revoked as a result of changes in legislation or in administrative policy or as a result of changes in National Rural's business. National Rural believes that its operations have not changed materially from those described to the Internal Revenue Service in its exemption filing. RTFC is a taxable cooperative under Subchapter T of the Internal Revenue Code. As long as RTFC continues to qualify under Subchapter T of the Internal Revenue Code, it is allowed to exclude from taxable income the amount of net income allocated to its members. RTFC pays income tax based on its net income, excluding net income allocated to its members. NCSC is a taxable corporation. NCSC pays income tax annually based on its net income for the period.

Investment Policy

Surplus funds are invested pursuant to policies adopted by National Rural's board of directors. Under present policy, surplus funds may be invested in direct obligations of, or guaranteed by, the United States or agencies thereof or other highly liquid investment grade paper. Current investments may include highly-rated securities such as commercial paper, obligations of foreign governments, Eurodollar deposits, bankers' acceptances, bank letters of credit, certificates of deposit or working capital acceptances. The policy also permits investments in certain types of repurchase agreements with highly rated financial institutions, whereby the assets consist of eligible securities of a type listed above set aside in a segregated account.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## Employees

At May 31, 2008, National Rural had 231 employees, including financial and legal personnel, management specialists, credit analysts, accountants and support staff. National Rural believes that its relations with its employees are good.

## National Rural Lending Competition

National Rural competes with other lenders on price, the variety of financing options offered and additional services provided to its member/owners. National Rural is primarily in competition with other banks for the business of its members. The primary bank competitor is CoBank, ACB ("CoBank"), a government sponsored enterprise and member of the Farm Credit System whose status as such gives it the ability to offer lower interest rates in many situations. In addition, there are some members that are large enough to access the capital markets for funding. In these cases, National Rural is competing with the pricing and funding options the member is able to obtain in the capital markets. National Rural attempts to minimize the impact of competition by offering a variety of loan options and complimentary services and by leveraging the working relationship that it has developed with the majority of the members for more than 35 years.

RUS is generally the members' first financing option as it is able to offer members interest rates that are generally lower than the rates National Rural and the other banks are able to offer. However, National Rural and other banks do compete for bridge loans in anticipation of long-term funding from RUS, the portion of a loan that RUS is not able to provide, loans to members that cannot borrow from RUS and loans to members that have elected not to borrow from RUS.

According to December 31, 2006 financial data (the latest full calendar year for which this data is available as of the date of filing this Form 10-K) provided to National Rural by its 811 reporting electric cooperative distribution and 57 reporting power supply systems, those entities had a total of $\$ 53$ billion in long-term debt outstanding at December 31, 2006. RUS is the dominant lender to the electric cooperative industry with $\$ 29$ billion or $54 \%$ of the total outstanding debt for the 868 systems reporting 2006 results to National Rural. At December 31, 2006, National Rural had a total of $\$ 16$ billion of long-term exposure to its distribution and power supply member systems, including $\$ 15$ billion of long-term loans and $\$ 1$ billion of guarantees. National Rural's $\$ 16$ billion long-term exposure represented $30 \%$ of the total long-term debt to these electric systems. The remaining $\$ 9$ billion or $16 \%$ was borrowed from other sources.

At December 31, 2007, CFC had a total of $\$ 16$ billion of long-term exposure to its distribution and power supply member systems, including $\$ 15$ billion of long-term loans and $\$ 1$ billion of guarantees.

The competitive market for providing credit to the rural telecommunications industry is difficult to quantify, since many rural telecommunications companies are not RUS borrowers. At December 31, 2007, RUS had a total of approximately $\$ 3.7$ billion outstanding to telecommunications borrowers. The Rural Telephone Bank ("RTB") was fully liquidated in November 2007 which resulted in the transfer of the RTB loan portfolio to RUS. RTFC is not in direct competition with RUS, but rather competes with other lenders for supplemental lending and for the full lending requirement of the rural telecommunications companies that have decided not to borrow from RUS or for projects not eligible for RUS financing. RTFC's competition includes commercial banks, CoBank and insurance companies. At December 31, 2007, RTFC had a total of $\$ 1.7$ billion in long-term loans outstanding to telecommunications borrowers.

Member Regulation and Competition
Electric Systems

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The movement toward electric competition at the retail level has faltered, while the wholesale level has become largely competitive. The electric utility industry has settled into a "hybrid" model in which there are significant differences in the retail regulatory approaches followed in different states and regions. As of May 31, 2008, retail customer choice has been implemented in 15 states. Those states are Arizona, Connecticut, Delaware, Illinois, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, and Texas. Of the remaining states, retail customer choice was not under consideration in 26 states, delayed in four states (Nevada, Oklahoma, Oregon, and West Virginia), repealed in four states (Arkansas, Montana, New Mexico, and Virginia), and suspended in one state (California).

In the 15 states where retail customer choice has been implemented, the Company had 158 distribution members and 19 power supply members with a total of $\$ 5,164$ million of loans outstanding at May 31, 2008. In New York, where the Company has four distribution members and $\$ 9$ million of loans to electric systems, cooperatives are not required to file competition plans with the state utility commission. The Company continues to believe that the distribution systems, which comprise the majority of its membership and loan exposure, will not be materially impacted by customer choice. In general, even in those states where customers have a choice of alternative energy suppliers, very few customers have switched from the traditional supplier.

In addition, in four of the 15 states where retail customer choice has been implemented, cooperatives may decide whether to "opt in" to competition or retain a monopoly position with respect to energy sales. Those states are Illinois, New Jersey, Ohio, and Texas. As of May 31, 2008, National Rural had loans outstanding in the amount of \$4,002 million in those states. Even if customers choose to purchase energy from an alternative supplier, the distribution systems own the lines to the customer and it would not be feasible for a competitor to build a second line to serve the same customers in almost all situations. Therefore, the distribution systems will still be charging a fee or access tariff for the service of delivering power, regardless of who supplies the power. Customer choice has had no impact on power supply cooperatives and the Company does not expect any impact.

Even in states where retail customer choice laws have been passed, there are many factors that may delay or influence the choices that customers have available to them and the timing of competition for cooperatives. One such factor will be the level of fees that systems will be allowed to charge other utilities for use of their transmission and distribution system. Other issues that may further delay retail competition in areas served by cooperatives include, but are not limited to, the following:

- Ability of cooperatives to "opt out" of the provisions of the customer choice laws in some states;
- Utilities in many states may still be regulated regarding rates on non-competitive services, such as distribution;
- Many states will still regulate the securities issued by utilities, including cooperatives;
- FERC regulation of rates as well as terms and conditions of transmission service;
- Reconciling the differences between state laws, such that out-of-state utilities can compete with in-state utilities; and
- The fact that few competitors have demonstrated much interest in providing electric energy to residential or rural customers.

In addition to retail customer choice laws, some state agencies regulate electric cooperatives with regard to rates and borrowing. There are 16 states that regulate the rates electric systems charge. Those states are Arizona, Arkansas, Georgia, Hawaii, Kentucky, Louisiana, Maine, Maryland, Michigan, New Mexico, New York, Utah, Vermont, Virginia, West Virginia, and Wyoming. Two of these states (Georgia and Utah) have partial oversight authority over the cooperatives' rates, but not the specific authority to set rates. Nine states allow cooperatives the right to opt in or out of state regulation. There are 19 states that regulate electric systems regarding the issuance of long-term debt. Those states are Alabama, Arizona, Colorado, Delaware, Georgia, Hawaii, Indiana, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, New Hampshire, Rhode Island, Utah, Vermont, Virginia and Wyoming. One of these states (Alabama) regulates both the issuance of short-term and long-term debt. FERC also has jurisdiction to regulate transmission rates, wholesale rates, terms and conditions of service, and the issuance of securities by public utilities within its jurisdiction, which includes only a few cooperatives.

## Telecommunications Systems

RTFC member telecommunications systems generally are regulated at the state and federal levels. Most state commissions regulate local service rates, intrastate access rates and telecommunications company borrowing. The Federal Communications Commission ("FCC") regulates interstate access rates and the issuance of licenses required to operate certain types of telecom operations. Some member telecommunications systems have affiliated companies that are not regulated.

The Telecommunications Act of 1996 (the "Telecom Act") created a framework for competition and deregulation in the local telecommunications market. The Telecom Act had four basic goals: competition, universal service, deregulation and fostering advanced telecommunications and information technologies. To achieve competition, the Telecom Act required all carriers to interconnect with all others and LECs to provide competitors with access to elements of their networks. Congress included provisions in the Telecom Act granting RLECs an exemption from the above requirement to provide competitors with access to their networks, absent a determination that it would be in the public interest.

Competition continues to be a significant factor in the telecommunications industry. A January 2007 FCC report on competition states that as of June 2006, competitive local exchange carriers ("CLECs") provided service to 30 million access lines $-17.4 \%$ of the nation's 172 million end-user switched access lines. Wireless carriers are providing service to 217.4 million mobile telephone service subscriptions - more than LECs and CLECs combined. For the most part, local exchange competition has benefited RLECs by enabling them to enter nearby towns and cities as CLECs, leveraging their existing infrastructure and reputation for providing quality, modern telecommunications service.

In addition to competition, the Telecom Act also mandated a universal telecommunications service support mechanism and required that it be: (1) sufficient to ensure that rural customers receive reasonably comparable rates and services when compared to urban customers; and (2) portable, that is, available to all eligible providers. Congress stated its intent that implicit subsidies presently contained in the access charges local telecommunications companies levy on long distance carriers be eliminated and be made explicit in the new universal service support mechanism. Rules adopted by the FCC in 2000 to date have provided adequate levels of universal service support. This has been essential for RLECs, as other FCC rulings have reduced access charges which are a key revenue source. In addition, RLECs are experiencing some of the access line and access revenue losses experienced by the RBOCs. However, growth in digital subscriber line service (DSL) has generally offset the revenue loss created by the decline of voice access lines.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Numerous wireless carriers have entered rural markets as competitors to the RLECs. By obtaining competitive eligible telecommunications carrier ("CETC") status from state regulators (as provided for in the Telecom Act), these wireless carriers are able to receive universal service funds ("USF") based on the incumbent LEC's costs (the "identical support" rule). This has led to growth in claims on the fund and great concern for its sustainability. USF's current funding base of interstate telecommunications revenues is shrinking as long distance minutes-of-use go down due to wireless, email and voice over internet protocol substitution. Uncontrolled demand for USF funding has resulted in the rate assessed on all participants in the nationwide network (the "contribution factor") becoming unsustainably high. The second quarter 2008 contribution factor is $11.3 \%$. Many in the industry agree that changes need to be made regarding eligibility and the funding mechanism for USF. However, there is no agreement on what those changes should be. In May 2008, the FCC ordered that payments to CETCs be capped. Total support for a CETC will be capped at what they were eligible to receive in March 2008. In January 2008 the FCC issued three notices of proposed rulemaking on universal service funding. These related proceedings addressed creation of separate funds for incumbent and competitive ETCs, elimination of the "identical support" rule, and transitioning to a reverse auction regime for determining amounts of USF support an eligible carrier would receive. RLECs universally supported the elimination of the identical support rule and opposed reverse auctions. Positions on the creation of separate funds varied among RLECs. Predictably, the wireless carriers supported reverse auctions, opposed elimination of the identical support rule and, as with the RLECs, took varying positions on creating separate universal service funds.

The FCC also has a proceeding open on intercarrier compensation - the most important components of which are access fees LECs charge to interexchange carriers that originate or terminate long distance traffic on LEC networks. While the large LECs (most of which now own long distance companies) would like to see these fees transition to zero, RLECs depend heavily on access charges and are active participants in the FCC proceeding. RLECs have come together with a unified proposal that would preserve some access fees and are promoting it with the FCC. No action has been taken in this proceeding and it is unlikely that the FCC will take any in the near future.

While uncertainty exists regarding USF and access, the Company does not anticipate that any potential revenue losses resulting from these changes will result in material losses on loans outstanding to rural telecommunications companies.

As noted above, most RLECs are expanding their service offerings to customers. Without competitors in the most rural parts of their service areas, RLECs are introducing digital video, high-speed data, and local and long distance voice service. Where they can leverage their infrastructure, they are competing with Verizon, Qwest, AT\&T, Embarq and cable companies in neighboring towns. RLECs have generally been very successful competitors in these situations.

Deregulation has not had much effect on LECs thus far. The FCC has promulgated a series of rules to implement the Telecom Act, and eliminated very few existing regulatory requirements. States continue to regulate RLECs extensively.

Another aspect of the Telecom Act dealt with advanced telecommunications and information technologies. In the late 1990s there was the concern that there was a growing "digital divide" between rural and urban areas within the country. Legislators sought to provide broadband connectivity to all Americans through programs which provide funding to connect schools and libraries to the internet. RUS has issued rules liberalizing its lending criteria to facilitate provision of advanced telecommunications and information services in rural areas. Congress also created an RUS broadband loan program in 2002. To date, RUS has obligated $\$ 1.53$ billion in broadband loans. Congress authorized $\$ 300$ million in fiscal year 2008 lending authority. The appropriation for fiscal year 2009 has been approved at $\$ 298$ million.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Given the increased availability of government financing for rural broadband, it is unlikely that the Company will be participating in this financing to any significant degree outside of incremental lending to existing RLEC borrowers to provide broadband services to their customers.

## The RUS Program

Since the enactment of the Rural Electrification Act in 1936 (the "RE Act"), RUS has financed the construction of electric generating plants, transmission facilities and distribution systems in order to provide electricity to rural areas. Principally through the creation of local electric cooperatives that were originally financed under the RE Act loan program in 47 states and two U.S. territories, the percentage of farms and residences in rural areas of the United States receiving central station electric service increased from 11\% in 1934 to almost $100 \%$ currently. Rural electric systems serve $12 \%$ of all consumers of electricity in the United States and its territories and account for approximately $8 \%$ of total sales of electricity and own about $5 \%$ of electricity generating capacity.

In 1949, the RE Act was amended to allow lending for the purpose of furnishing and improving rural telecommunications service. For fiscal year 2008, RUS has $\$ 690$ million in lending authority for rural telephone systems and an additional $\$ 523$ million for other telecommunications programs, including distance learning and broadband.

The RE Act provides for RUS to make insured loans and to provide other forms of financial assistance to electric borrowers. However, RUS is currently not offering loans to finance the construction of new coal or nuclear baseload electric generation facilities. RUS is authorized to make direct loans to systems that qualify for the hardship program ( $5 \%$ interest rate) or the municipal rate program (based on a municipal government obligation index). RUS is also authorized to guarantee loans that bear interest at a rate agreed upon by the borrower and the lender (which generally has been the Federal Financing Bank ("FFB")). RUS also provides financing at the Treasury rate. The RUS exercises financial and technical supervision over borrowers' operations. Its loans and guarantees are generally secured by a mortgage on substantially all of the system's property and revenues.

For the fiscal year ending September 30, 2009, the President's budget requests $\$ 100$ million for hardship loans and $\$ 4$ billion for loan guarantees with no requested budget for either municipal rate loans and treasury rate loans. Electric funding levels for fiscal year 2008 were as follows: hardship loans of $\$ 100$ million, and loan guarantees of $\$ 6.5$ billion.

Item 1A. Risk Factors.
The Company's financial condition and results of operations are subject to various risks inherent in its business. The material risks and uncertainties that management believes affect National Rural are described below. The risks and uncertainties described below are not the only ones facing National Rural. Additional risks and uncertainties that management is not aware of, or that it currently deems immaterial, may also impair business operations. If any of the events or circumstances described in the following risks actually occur, our business, financial condition or results of operations could suffer. You should consider all of the following risks together with all of the other information in this Annual Report on Form 10-K.

The Company's ability to maintain and grow our business depends on access to external financing.
The Company depends on access to the capital markets to refinance its long-term and short-term debt, fund new loan advances and if necessary, to fulfill its obligations under its guarantee and repurchase agreements. At May 31, 2008, the Company had $\$ 3,150$ million of commercial paper, daily liquidity fund and bank bid notes and $\$ 3,177$ million of medium-term notes, collateral trust bonds and long-term notes payable scheduled to mature during the next twelve months. At May 31, 2008, the Company was the guarantor and liquidity provider for $\$ 330$ million of tax-exempt bonds issued for its member cooperatives. Additionally, National Rural was the guarantor, but not liquidity provider, for $\$ 155$ million of tax-exempt bonds that were in the auction rate mode. There can be no assurance that the Company will be able to access the markets in the future at all or on terms that are acceptable to the Company. Downgrades to the Company's long-term debt ratings and/or commercial paper ratings or other events that may deny or limit the Company's access to the capital markets could negatively impact its operations. The Company has no control over certain items that are considered by the credit rating agencies as part of their analysis for the Company, such as the overall outlook for the electric and telecommunications industries.

Fluctuating interest rates could adversely affect our income, margin and cash flow.
The Company is exposed to interest rate risk in its core lending and borrowing activities. If the Company does not set interest rates on its loans at a level to cover its cost of funding, there would be an adverse effect on net interest income and net income.

The Company provides its members with many options on its loans with regard to interest rates, the term for which the selected interest rate is in effect and the ability to prepay the loan. As a result, there is a possibility of significant changes in the composition of the loan portfolio. If the Company is not able to adjust its outstanding debt portfolio to match the changes in the loan portfolio, there could be an adverse impact on net interest income and net income.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

In addition, the Company's calculated impairment on non-performing and restructured loans will increase as the Company's long-term variable and short-term interest rates increase. Based on the current balance of impaired loans at May 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.

Competition from other lenders could impair the Company's financial results. The majority of the Company's members are eligible to borrow from RUS. The rates offered by RUS are generally lower than the rates that the Company and other lenders can offer. Thus, the members' first financing option generally is to borrow funds under the RUS program. The RUS funding level is determined by the U.S. Congress each year. Increases to the amount of RUS funding could limit the amount of loan growth experienced by the Company.

The Company competes with other lenders for the portion of the loan commitment that RUS will not lend, for the loans to members that cannot borrow from RUS or for loans to members that have elected not to borrow from RUS. If other lenders are more successful than the Company in the competition for this loan volume, it could have an adverse impact on the Company's financial results.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

We may not recover the value of amounts that we lend.
National Rural's allowance for loan losses is established through a provision charged to expense that represents management's best estimate of probable losses that have been incurred within the existing loan portfolio. The level of the allowance reflects management's continuing evaluation of: industry concentrations; specific credit risks; loan loss experience; current loan portfolio quality; present economic, political and regulatory conditions and unidentified losses and risks inherent in the current loan portfolio. The determination of the appropriate level of the allowance for loan losses involves a high degree of subjectivity and requires National Rural to make significant estimates of current credit risks and future trends, all of which may undergo material changes. Changes in economic conditions affecting borrowers, new information regarding existing loans, identification of additional problem loans and other factors, both within and outside of National Rural's control, may require an increase in the allowance for loan losses. In addition, if actual losses incurred exceed current estimates of probable losses currently included in the allowance for loan losses, National Rural will need additional provisions to increase the allowance for loan losses. Any increases in the allowance for loan losses will result in a decrease in net income, and may have a material adverse effect on National Rural's financial results and credit ratings.

The Company has been and may in the future be in litigation with borrowers related to enforcement or collection actions pursuant to loan documents. In such cases, the borrower or others may assert counterclaims against the Company or initiate actions against the Company related to the loan documents. Unfavorable rulings in these cases which result in loan losses that exceed the related allowance could have a material adverse effect on the Company's financial results and credit ratings.

Our ability to access the capital markets depends on our ability to maintain adjusted leverage and debt to equity ratios within a reasonable range of market acceptable levels.
Maintenance of adjusted leverage and debt to equity ratios within a reasonable range of market acceptable levels is important in relation to the Company's ability to access the capital markets. A significant increase above market acceptable levels in the adjusted leverage or debt to equity ratios could impair the Company's ability to access the capital markets, its ability to access the Company's revolving lines of credit and its ability to maintain preferred credit ratings. See "Non-GAAP Financial Measures" for further explanation and a reconciliation of adjusted ratios.

A decline in our credit rating could trigger payments under our derivative agreements.
If the Company's credit rating falls to the level specified in certain of its derivative agreements, the other counterparty may terminate the agreement. If the 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. Based on the fair market value of its interest rate exchange agreements subject to rating triggers at May 31, 2008, the Company may be required to make a payment of up to $\$ 1$ million if its senior unsecured ratings declined to Baa1 or BBB+, and up to $\$ 31$ million if its senior unsecured ratings declined below Baa1 or BBB+. In calculating the required payments, the Company only considered agreements which, when netted for each counterparty as allowed by the underlying master agreement, would require a payment upon termination. In the event the Company is required to make a payment as a result of a rating trigger, it could have a material adverse impact on its financial results.

Our ability to comply with covenants related to our revolving credit agreements and debt indentures may affect our ability to obtain financing and maintain preferred rating levels on our debt.
The Company must maintain compliance with all covenants and conditions related to its revolving credit agreements, including the adjusted TIER, adjusted leverage and amount of loans pledged in order to have access to the funds available under the revolving lines of credit. See "Non-GAAP Financial Measures" for further explanation and a reconciliation of adjusted ratios. A restriction on access to the revolving lines of credit would impair the Company's ability to issue short-term debt, as it is required to maintain backup-liquidity to maintain preferred rating levels on its short-term debt.

If the Company does not maintain compliance with covenants and conditions on its collateral trust bond, medium-term note and subordinated deferrable debt indentures, the holders of such debt could declare an event of default and accelerate the repayment of the full amount of the outstanding debt principal prior to the stated maturity of such debt. Additionally, the Company could not issue new debt under such indentures. Such an event would require the Company to obtain new funding to repay the accelerated debt as a result of the covenant default and could have a material adverse impact on its financial results and credit ratings.

Our concentration of loans to borrowers within rural electric and telephone industries could impair our revenues if either or both of those industries were to experience economic difficulties.
Credit concentration is one of the risk factors considered by the rating agencies in the evaluation of the Company's credit rating. Substantially all of the Company's credit exposure is to the rural electric and telephone industries and is subject to risks associated with those industries.

The Company's credit concentration to its ten largest borrowers could increase from the current $18 \%$ of total loans and guarantees outstanding, if:

- it were to extend additional loans and/or guarantees to the current ten largest borrowers,
- its total loans and/or guarantees outstanding were to decrease, with a disproportionately large share of the decrease to borrowers not in the current ten largest, or
- it were to advance large new loans and/or guarantees to one of the borrowers below the ten largest.

We could jeopardize our federal tax exemption if we fail to conduct our business in accordance with our exemption from the Internal Revenue Service.
Legislation that removes or imposes new conditions on the federal tax exemption for 501(c)(4) social welfare organizations could have a negative impact on the Company's net income. National Rural's continued exemption depends on it conducting its business in accordance with its 501(c)(4) status.

Item 1B. Unresolved Staff Comments.
None.
Item 2. Properties.
National Rural leases office space that serves as its headquarters in Fairfax County, Virginia. In October 2005, National Rural entered into a three-year lease with the building owner for approximately 107,228 square feet of the facility's office, meeting and storage space. In September 2007, the Company exercised the option to extend the lease for an additional one-year period. The Company has the option to extend the lease for an additional one-year period in fiscal year 2009. The terms of these extensions are similar to the initial three-year lease. National Rural finalized a contract in May 2008 to purchase 42 acres of land located in Loudoun County, Virginia. National Rural will use the purchased land in connection with its plans to construct a new headquarters facility.

Item 3. Legal Proceedings.
None.
Item 4. Submission of Matters to a Vote of Security Holders.
None.

15

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## PART II

Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities.

Inapplicable.

Item 6. Selected Financial Data.

The following is a summary of selected financial data for the years ended May 31:

| (Dollar amounts in | 2007 | 2006 | 2005 | 2004 |
| :--- | :--- | :--- | :--- | :--- |
| thousands) | 2008 |  |  |  |

For the year ended
May 31:

| Interest income | $\$ 1,069,540$ | $\$ 1,054,224$ | $\$ 1,007,912$ | $\$ 1,030,853$ | $\$$ | $1,009,856$ |
| :--- | ---: | :---: | :---: | :---: | :---: | :---: |
| Net interest income | 132,651 | 57,494 | 31,976 | 88,820 | 68,365 |  |
| Derivative cash <br> settlements $(1)$ | 27,033 | 86,442 | 80,883 | 78,287 | 123,363 |  |
| Derivative forward <br> value $(1)$ | $(98,743)$ | $(79,281)$ | 28,805 | 25,849 | $(228,840)$ |  |
| Foreign currency <br> adjustments $(2)$ | - | $(14,554)$ | $(22,594)$ | $(22,893)$ | $(65,310)$ |  |

Income (loss) prior
to income taxes,
minority
interest and
cumulative effect of
change in
accounting
$\begin{array}{llllll}\text { principle (3) } & 36,311 & 16,541 & 105,762 & (194,292)\end{array}$
Cumulative effect
of change in accounting
$\begin{array}{llrllllll}\text { principle (4) } & - & - & - & - & 22,369\end{array}$
$\begin{array}{llllllllll}\text { Net income (loss) }\end{array} \mathbf{\$} \quad 45,745 \quad \$ \quad 11,701 \quad \$ \quad 95,497 \quad \$ \quad 122,503 \quad \$(177,729)$
Fixed charge
coverage ratio
(TIER) (5)(6)
1.05
$1.01 \quad 1.10$
1.13

Adjusted fixed
charge coverage
ratio
(Adjusted

| TIER) (7) | 1.15 | 1.12 | 1.11 | 1.14 | 1.12 |
| :--- | :--- | :--- | :--- | :--- | :--- |

As of May 31:
Loans to members
(8) $\quad \$ 19,029,040 \quad \$ 18,131,873 \quad \$ 18,363,954 \quad \$ 18,974,108 \quad \$ 20,490,021$

| Allowance for loan | (514,906) | $(561,663)$ | $(611,443)$ | $(589,749)$ | $(573,939)$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| losses | $19,379,381$ | $18,575,181$ | $19,179,621$ | $20,060,314$ | $21,455,443$ |
| Assets | $6,327,453$ | $4,427,123$ | $5,343,824$ | $7,952,579$ | $5,990,039$ |
| Short-term debt (9) | $10,173,587$ | $11,295,219$ | $10,642,028$ | $8,701,955$ | $12,009,182$ |
| Long-term debt <br> (10) | 311,440 | 311,440 | 486,440 | 685,000 | 550,000 |
| Subordinated <br> deferrable debt (11) |  |  |  |  |  |
| Members' <br> subordinated <br> certificates | $1,406,779$ | $1,381,447$ | $1,427,960$ | $1,490,750$ | $1,665,158$ |
| Members' equity <br> (1) | 613,082 | 566,286 | 545,351 | 523,583 | 483,126 |
| Total equity <br> Guarantees | 665,965 | 710,041 | 784,408 | 764,934 | 692,453 |
| Leverage ratio (6) <br> Adjusted leverage <br> ratio (7) | $1,037,140$ | $\$ 1,074,374$ | $\$ 1,078,980$ | $\$ 1,157,752$ | $\$ 1,331,299$ |
| Debt to equity ratio <br> (6) | 29.64 | 26.64 | 24.80 | 26.71 | 31.88 |
| Adjusted debt to <br> equity ratio (7) | 7.50 | 6.81 | 6.38 | 6.50 | 7.07 |

(1) Derivative cash settlements represent the net settlements received/paid on interest rate and cross currency exchange agreements that do not qualify for hedge accounting. The derivative forward value represents the change in fair value on exchange agreements that do not qualify for hedge accounting, as well as amortization related to the long-term debt valuation allowance and related to the transition adjustment recorded as an other comprehensive loss on June 1, 2001. Members' equity represents total equity excluding foreign currency adjustments, derivative forward value and accumulated other comprehensive income. See "Non-GAAP Financial Measures" in Management's
Discussion and Analysis for further explanation of members' equity and a reconciliation to total equity.
(2) Foreign currency adjustments represent the change on foreign denominated debt that is not related to an exchange agreement that qualifies for hedge accounting during the period. The foreign denominated debt is revalued at each reporting date based on the current exchange rate. To the extent that the current exchange rate is different than the exchange rate at the time of issuance, there will be a change in the value of the foreign denominated debt. National Rural enters into foreign currency exchange agreements at the time of each foreign denominated debt issuance to lock in the exchange rate for all principal and interest payments required through maturity.
(3) Includes $\$ 43$ million gain on sale of building and land at May 31, 2006.
(4) The cumulative effect of change in accounting principle in 2004 represents the impact of implementing Financial Accounting Standards Board Interpretation No. 46 (R), Consolidation of Variable Interest Entities, an interpretation of Accounting Research Bulletin No. 51, effective June 1, 2003.
(5) The fixed charge coverage ratio is the same calculation as National Rural's Times Interest Earned Ratio
("TIER"). For the year ended May 31, 2004, National Rural's earnings were insufficient to cover fixed charges by \$200 million.
(6) See "Non-GAAP Financial Measures" in Management's Discussion and Analysis for the GAAP calculations of these ratios.
(7) Adjusted ratios include non-GAAP adjustments that National Rural makes to financial measures in assessing its financial performance. See "Non-GAAP Financial Measures" in Management's Discussion and Analysis for further explanation of these calculations and a reconciliation of the adjustments.
(8) Certain reclassifications of prior year period amounts have been made to conform to the current reporting format. See further explanation in Note $1(\mathrm{w})$ to the consolidated financial statements.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

(9) Includes the foreign currency valuation account of $\$ 245$ million and $\$ 40$ million at May 31, 2006 and 2005, respectively.
(10) Excludes $\$ 3,177$ million, $\$ 1,368$ million, $\$ 1,839$ million, $\$ 3,591$ million, and $\$ 2,365$ million in long-term debt that comes due, matures and/or will be redeemed during fiscal years 2009, 2008, 2007, 2006 and 2005, respectively (see Note 5 to the consolidated financial statements). Includes the foreign currency valuation account of $\$ 221$ million and $\$ 234$ million at May 31, 2005 and 2004, respectively.
(11) Excludes $\$ 175$ million called in June 2007 and $\$ 150$ million called in June 2006 at May 31, 2007 and 2006, respectively, reported in short-term debt.

16

Item 7. 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.

## Business Overview

National Rural was formed in 1969 by rural electric cooperatives to provide a source of financing to supplement the loan programs of the Rural Utilities Service ("RUS"). National Rural is organized as a cooperative in which each member (other than associates) is entitled to one vote. Under National Rural's bylaws, the board of directors is composed of 23 individuals, 20 of whom must be either general managers or directors of member systems, two of whom are designated by the National Rural Electric Cooperative Association and one at-large position who must satisfy the requirements of an audit committee financial expert as defined by Section 407 of the Sarbanes-Oxley Act of 2002 and must be a trustee, director, manager, Chief Executive Officer or Chief Financial Officer of a member. In November 2006, the National Rural Board elected an at-large director that qualifies as a financial expert who serves on the audit committee. The director took his seat on the board following the National Rural annual meeting in March 2007. National Rural is a tax-exempt entity under Section 501(c)(4) of the Internal Revenue Code.

RTFC is a not-for-profit private cooperative association created for the purpose of providing and/or arranging financing for its rural telecommunications members and their affiliates. NCSC also is 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.

The Company's primary objective as a cooperative is to provide its members with low loan and guarantee rates while maintaining sound financial results required to attain high credit ratings on its debt instruments. As a not-for-profit, membership owned financial institution, the Company's goal is not to maximize its profit on loans to members, but rather to find a balance between charging its members low rates on loans and maintaining the financial performance required to access the capital markets on behalf of its members. Thus, the Company marks up its funding costs only to the extent necessary to cover its operating expenses and a provision for loan losses and to provide earnings sufficient to preserve interest coverage in light of the Company's financing objectives.

At May 31, 2008, the Company's consolidated membership was 1,538 including 898 utility members, the majority of which are consumer-owned electric cooperatives, 511 telecommunications members, 66 service members and 63 associates in 49 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.

National Rural obtains its funding from the capital markets, private placement of debt and its membership. National Rural enters the capital markets, based on the combined strength of its members, to borrow the funds required to fulfill the financing requirements of its members. On a regular basis, National Rural obtains debt financing in the capital markets by issuing fixed rate or variable rate secured collateral trust bonds, fixed rate subordinated deferrable debt, fixed rate or variable rate unsecured medium-term notes, commercial paper and enters into bank bid note agreements. In addition, National Rural obtains debt financing from private funding sources through the issuance of
fixed rate and variable rate notes. National Rural also obtains debt financing from its membership and other qualified investors through the direct sale of its commercial paper, daily liquidity fund and unsecured medium-term notes.

Rural electric cooperatives that join National Rural are generally required to purchase membership subordinated certificates from National Rural as a condition of membership. In connection with any long-term loan or guarantee made by National Rural on behalf of one of its members, National Rural may require that the member make an additional investment in National Rural by purchasing loan or guarantee subordinated certificates. The membership subordinated certificates and the loan and guarantee subordinated certificates are unsecured and subordinate to other senior debt of National Rural.

National Rural is required by law to have a mechanism to allocate its net income to its members. National Rural allocates its net income excluding the non-cash effects of Statement of Financial Accounting Standards ("SFAS") 133, Accounting for Derivative Instruments and Hedging Activities, as amended and SFAS 52, Foreign Currency Translation annually to a cooperative educational fund, a members' capital reserve and to members based on each member's patronage of the loan programs during the year. RTFC annually allocates its net income to a cooperative educational fund and to its members based on each member's patronage of the loan programs during the year. NCSC does not allocate its net income to its members, but does allocate a portion of its margins to a cooperative educational fund.

The Company's performance is closely tied to the performance of its member rural electric and telecommunications systems due to the near $100 \%$ concentration of its loan and guarantee portfolio in those industries.

## 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 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.

For the year ended May 31, 2008, the Company reported net income of $\$ 46$ million and TIER of 1.05 , compared to a net income of $\$ 12$ million and TIER of 1.01 for the prior year. For the year ended May 31, 2008, the Company reported an adjusted net income of $\$ 138$ million and adjusted TIER of 1.15 , compared to an adjusted net income of $\$ 108$ million and adjusted TIER of 1.12 for the prior year. The $\$ 34$ million and $\$ 30$ million increase in the net income and adjusted net income, respectively, for the year ended May 31, 2008 was primarily due to the $\$ 23$ million increase in the recovery of loan losses resulting from the decrease in calculated impairments due to lower variable rates and payments received on impaired loans. Adjusted net income is calculated by excluding the impact of derivatives and foreign currency adjustments 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.

During the year ended May 31, 2008, the Company's earnings were impacted by the level of loans on non-accrual status. Holding loans on non-accrual status resulted in a reduction of $\$ 67$ million to reported interest income for the year ended May 31, 2008. During fiscal year 2009, the Company expects the outstanding balance of loans on non-accrual status to decrease 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 income yield during fiscal year 2009. Changes to the Company's variable interest rates will be based on the underlying cost of funding, competition and other factors. The calculated impairment on the Company's loans increases or decreases with the increases and decreases to the Company's variable interest rates. Based on the current balance of impaired loans at May 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.

Financial Condition

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

At May 31, 2008, the Company's total loans outstanding increased by $\$ 899$ million or 5\% as compared to May 31, 2007. At May 31, 2008, National Rural loans outstanding increased by $\$ 1,081$ million, RTFC loans outstanding decreased by $\$ 134$ million and NCSC loans outstanding decreased by $\$ 48$ million compared to May 31, 2007. National Rural loans outstanding increased due to net advances of $\$ 1,155$ million offset by the sale of $\$ 74$ million of National Rural distribution loans at par in loan securitization transactions during the year ended May 31, 2008. National Rural expects to continue such loan sales on a periodic basis. 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 an 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 the 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.

On December 26, 2007, the President of the United States signed the Appropriations Act for Fiscal Year 2008 which set the fiscal year 2008 RUS electric and telephone loan program levels. Electric funding levels for fiscal year 2008 are $\$ 6.5$ billion for FFB loans and $\$ 100$ million for five percent loans. Telephone funding levels for fiscal year 2008 are $\$ 145$ million for five percent loans, $\$ 250$ million for FFB loans, $\$ 295$ million for treasury rate loans and $\$ 300$ million for broadband loans.

During the year ended May 31, 2008, short-term debt increased by $\$ 1,900$ million and long-term debt decreased by $\$ 1,122$ million primarily due to an increase of $\$ 1,810$ million to the amount of long-term debt that will mature in the next twelve months. Holders of $\$ 2,140$ million of the Company's extendible debt elected not to extend the maturity of such debt during the year ended May 31, 2008. As a result, $\$ 1,845$ million of extendible debt was reclassified from long-term debt to short-term debt based on maturity dates ranging from August 2008 through February 2009. The remaining $\$ 295$ million of extendible debt will mature in fiscal year 2010. Additionally, $\$ 500$ million of secured notes payable was reclassified to short-term debt based on the July 2008 maturity of the debt.

Total equity decreased $\$ 44$ million from May 31, 2007 to May 31, 2008 primarily due to the board authorized patronage capital retirement totaling $\$ 86$ million offset by net income of $\$ 46$ million for the year ended May 31, 2008. Under GAAP, the Company's reported equity balance fluctuates based on the impact of future expected changes to interest rates on the fair value of its interest rate exchange agreements. As a result, it is difficult to predict the future changes in the Company's reported GAAP 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 SFAS 133 and 52.

## Liquidity

At May 31, 2008, the Company had $\$ 3,150$ million of commercial paper, daily liquidity fund and bank bid notes and $\$ 3,177$ million of medium-term notes, collateral trust bonds and long-term notes payable scheduled to mature during the next twelve months. Members held commercial paper (including the daily liquidity fund) totaling $\$ 1,404$ million or approximately $46 \%$ of the total commercial paper outstanding at May 31, 2008. Commercial paper issued through dealers and bank bid notes totaled $\$ 1,612$ million and represented $9 \%$ of total debt outstanding at May 31, 2008. The Company intends to maintain the balance of dealer commercial paper and bank bid notes at $15 \%$ or less of total debt outstanding during fiscal year 2009. During the next twelve months, the Company plans to refinance the $\$ 3,177$ 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.

National Rural uses member loan repayments, capital market debt issuance, private debt issuance, member investments, and net income to fund its operations. In addition, the Company maintains both short-term and long-term bank lines in the form of revolving credit agreements with its bank group. 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 Securities and Exchange Commission ("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.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

At May 31, 2008, the Company was the guarantor and liquidity provider for $\$ 330$ million of tax-exempt bonds issued for its member cooperatives. A total of $\$ 133$ million of such tax-exempt bonds were in flexible and weekly mode, which reprice every seven to thirty-five days. A total of $\$ 120$ million of such tax-exempt bonds reprice semi-annually. A total of $\$ 77$ million of such bonds were in unit price mode and reprice approximately every 30 days. National Rural has not been required to purchase any of the bonds in its role as liquidity provider. 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. National Rural has not been required to perform under the guarantee of its members' tax-exempt bonds.

## Critical Accounting Estimates

Allowance for Loan Losses
At May 31, 2008 and 2007, the Company had a loan loss allowance that totaled $\$ 515$ million and $\$ 562$ million, representing $2.71 \%$ and $3.10 \%$ of total loans outstanding, respectively. GAAP requires loans receivable to be reported on the consolidated balance sheets at net realizable value. The net realizable value is the total principal amount of loans outstanding less an estimate of the probable losses inherent in the portfolio. The Company calculates its loss allowance on a quarterly basis. The

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

loan loss allowance is calculated by segmenting the portfolio into three categories of loans: impaired, high risk and general portfolio. There are significant subjective assumptions and estimates used in calculating the amount of the loss allowance required by each of the three categories. Different assumptions and estimates could also be reasonable. Changes in these assumptions and estimates could have a material impact on the Company's financial statements.

## Impaired Exposure

The Company calculates impairment on certain loans in accordance with SFAS 114, Accounting by Creditors for Impairment of a Loan - an Amendment of SFAS 5 and SFAS 15, as amended. SFAS 114 states that a loan is impaired when a creditor does not expect to collect all principal and interest due under the original terms of the loan other than an insignificant delay or an insignificant shortfall in amount. The Company reviews its portfolio to identify impairments at least on a quarterly basis. Factors considered in determining an impairment include, but are not limited to: the review of the borrower's audited financial statements and interim financial statements if available, the borrower's payment history, communication with the borrower, economic conditions in the borrower's service territory, pending legal action involving the borrower, restructure agreements between the borrower and the Company, and estimates of the value of the borrower's assets that have been pledged as collateral to secure the Company's loans. The Company calculates the impairment by comparing the future estimated cash flow, discounted at the interest rate on the loans at the time the loans became impaired, against its current investment in the receivable. If the current investment in the receivable is greater than the net present value of the future payments discounted at the original contractual interest rate, the impairment is equal to that difference. If it is not possible to estimate the future cash flow associated with a loan, then the impairment calculation is based on the value of the collateral pledged as security for the loan. At May 31, 2008 and 2007, the Company had a total of $\$ 331$ million and $\$ 397$ million reserved specifically against impaired exposure totaling $\$ 1,078$ million and $\$ 1,099$ million, respectively, representing $31 \%$ and $36 \%$, respectively, of the total impaired loan exposure. The $\$ 331$ million and $\$ 397$ million specific reserves represented $64 \%$ and $71 \%$ of the total loan loss allowance at May 31, 2008 and 2007, respectively. The calculated impairment at May 31, 2008 was lower than at May 31, 2007 due to lower variable rates and payments received on impaired loans. See further discussion under "Financial Condition". The original contract rate on a portion of the impaired loans at May 31, 2008 will vary with the changes in the Company's variable interest rates. Based on the current balance of impaired loans at May 31, 2008, a 25 basis point increase or decrease to the Company's variable interest rates would result in an increase or decrease, respectively, of approximately $\$ 9$ million to the calculated impairment irrespective of a change in the credit fundamentals of the impaired borrower.

In calculating the impairment on a loan, the estimates of the expected future cash flow or collateral value are the key estimates made by management. Changes in the estimated future cash flow or collateral value would impact the amount of the calculated impairment. The change in cash flow required to make the change in the calculated impairment material will be different for each borrower and depend on the period covered, the original contract interest rate and the amount of the loan outstanding. Estimates are not used to determine the Company's investment in the receivables or the discount rate since, in all cases, the investment is equal to the loan balance outstanding at the reporting date and the discount rate is equal to the interest rate on the loans at the time the loans became impaired.

## High Risk Exposure

Loan exposures considered to be high risk represent exposure in which the borrower has had a history of late payments, the borrower's financial results do not satisfy loan financial covenants, the borrower has contacted the Company to discuss pending financial difficulties or, for some other reason, the Company believes that the borrower's financial results could deteriorate resulting in an elevated potential for loss. The Company's corporate credit committee is responsible for determining which loans should be classified as high risk and the level of reserve required for each borrower. The committee meets at least quarterly to review all loan facilities with an internal risk rating above a certain level. Once it is determined that exposure to a borrower should be classified as high risk, the committee sets the required reserve level based on the facts and circumstances for each borrower, such as the

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

borrower's financial condition, payment history, the Company's estimate of the collateral value, pending litigation, if any, and other factors. This is an objective and subjective exercise in which the committee uses the available information to make its best estimate as to the level of loss allowance required. At any reporting date, the reserve required could vary significantly depending on the facts and circumstances, which could include, but are not limited to: changes in collateral value, deterioration in financial condition, the borrower declaring bankruptcy, payment default on the Company's loans and other factors. The borrowers in the high risk category will generally either move to the impaired category or back to the general portfolio within a period of 12 to 24 months. At May 31, 2008 and 2007, the Company had reserved $\$ 3$ million and $\$ 3$ million against the $\$ 8$ million and $\$ 6$ million of exposure classified as high risk, representing coverage of $38 \%$ and $50 \%$, respectively. The $\$ 3$ million reserved for loans in the high risk category represented less than $1 \%$ of the total loan loss allowance at May 31, 2008 and 2007.

## General Portfolio

The Company's methodology used to determine the required loan loss allowance for the general portfolio includes the use of an internal risk rating system, historical Standard \& Poor's default data on corporate bonds and Company specific loss
recovery data. The Company uses the following factors, in no particular order, to determine the level of the loan loss allowance for the general portfolio category:

- Internal risk ratings - The Company maintains risk ratings for each credit facility outstanding to its borrowers. The ratings are updated at least annually and are based on the following:
o General financial condition of the borrower.
o The Company's internal estimated value of the collateral securing its loans.
o The Company's internal evaluation of the borrower's management.
o The Company's internal evaluation of the borrower's competitive position within its service territory.
o The Company's estimate of potential impact of proposed regulation and litigation.
o Other factors specific to individual borrowers or classes of borrowers.
- Standard corporate default table - The table provides expected default rates based on rating level and the remaining maturity of the bond. The Company uses the standard default table for all corporate bonds published by Standard and Poor's Corporation to assist in estimating its reserve levels.
- Recovery rates - Estimated recovery rates based on historical experience of loan balance at the time of default compared to the total loss on the loan to date.

The Company aggregates the loans in the general portfolio by borrower type (distribution, power supply, telecommunications, associate and other member) and by internal risk rating within borrower type. The Company correlates its internal risk ratings to the ratings used in the standard default table based on a comparison of its rating on borrowers that have a rating from one or more of the recognized credit rating agencies and based on a standard matching used by banks.

At May 31, 2008 and 2007, the Company had a total of $\$ 17,690$ million and $\$ 16,768$ million of loans, respectively, in the general portfolio. This total does not include $\$ 250$ million and $\$ 256$ million of loans at May 31, 2008 and 2007, respectively, that have a U.S. Government guarantee of all principal and interest payments. The Company does not maintain a loan loss allowance on loans that are guaranteed by the U.S. Government. At May 31, 2008 and 2007, the Company reserved a total of $\$ 155$ million and $\$ 159$ million, respectively, for loans in the general portfolio representing coverage of approximately $1 \%$ of the total loans for the general portfolio at both dates.

In addition to the general portfolio reserve requirement as calculated above, the Company maintains an unallocated reserve to cover the additional risk associated with large loan exposures and to cover economic and environmental factors that may be currently impacting the financial results of borrowers, but have not shown up in the borrower's annual audited financial statements.

The first component of the unallocated reserve is a single obligor reserve to cover the additional risk associated with the inherent risk related to large loan exposures. The Company had previously set the exposure threshold at $1.5 \%$ of total loans and guarantees outstanding and provided coverage equal to $0.5 \%$ times the internal risk rating associated with the loan exposure. During the third quarter of fiscal year 2008, the Company revised both the exposure threshold and the coverage percentage to better reflect the level of risk associated with the large loan exposures. The exposure threshold was reduced from $1.5 \%$ to $1.0 \%$ to better match the top ten credit exposures. The reserve coverage was increased to $1.0 \%$ of the internal risk rating times the exposure over the threshold, to better reflect the Company's assessment of the additional risk related to large loan exposures. At May 31, 2008 and 2007, the Company had a single obligor reserve of $\$ 23$ million and $\$ 3$ million, respectively.

The second component of the unallocated reserve is an economic and environmental reserve to cover factors that the Company believes are currently impacting the financial results of borrowers, but are not reflected in the Company's internal risk rating process and therefore present an increased risk of losses incurred as of the balance sheet date. The Company uses annual audited financial statements from its borrowers as part of its internal risk rating process. There

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

could be a lag between the time that various environmental and economic factors occur and the time when these factors are reflected in the annual audited financial statements of the borrower and therefore the internal risk rating determined by the Company for the borrower. This reserve component may be set at up to $5 \%$ of the amount of the calculated general reserve. The Company's corporate credit committee will make a quarterly determination of the percentage of general reserve to be held and the portions of the loan portfolio that the additional reserve percentage shall be applied. At May 31, 2008, the corporate credit committee set the economic and environmental component of the unallocated reserve to be $\$ 3$ million or $2 \%$ of the amount of the total general reserve. This amount was set taking into consideration the impact on electric and telecommunications borrowers from (1) the current economic downturn, (2) the flooding in parts of the Midwest, (3) the decline in the housing market that has led to a significant increase in foreclosures, (4) the impact of rising food and gas prices on consumer spending and (5) the impact of rising fuel prices on electric utilities and the ability to pass on such costs. There was no economic and environmental unallocated reserve at May 31, 2007 as the Company added this component to the unallocated reserve during the third quarter of fiscal year 2008.

Senior management reviews the estimates and assumptions used in the calculations of the loan loss allowance for impaired loans, high risk loans, the general portfolio and the unallocated reserve on a quarterly basis. Senior management discusses estimates with the board of directors and audit committee and reviews all loan loss related disclosures included in the Company's Form 10-Qs and Form 10-Ks filed with the SEC.

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

## Derivative Financial Instruments

The Company accounts for derivatives in accordance with SFAS 133. SFAS 133, as amended, 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. The statement requires that changes in the derivative instrument's fair value be recognized currently in earnings unless specific hedge accounting criteria are met. Special accounting for qualifying hedges allows a derivative instrument's gains and losses to offset related results on the hedged item in the consolidated statements of operations or to be recorded as other comprehensive income, to the extent effective, and requires that a company formally document, designate, and assess the effectiveness of transactions that receive hedge accounting. The Company is neither a dealer nor trader in derivative financial instruments. The Company uses interest rate, cross currency and cross currency interest rate exchange agreements to manage its interest rate and foreign currency risk.

Generally, the Company's derivatives do not qualify for hedge accounting. To qualify for hedge accounting, there must be a high correlation between the pay leg of the interest rate exchange agreement and the asset being hedged or between the receive leg of the interest rate exchange agreement and the liability being hedged. A large portion of the Company's interest rate exchange agreements use a 30-day composite commercial paper index as the receive leg, which would have to be highly correlated to the Company's own commercial paper rates to qualify for hedge accounting. The Company sells commercial paper to its members as well as to investors in the capital markets. The Company sets its commercial paper rates daily based on its cash requirements. The correlation between the Company's commercial paper rates and the 30-day composite commercial paper index has not been consistently high enough to qualify for hedge accounting. At May 31, 2008 and 2007, the Company did not have any interest rate exchange agreements that were accounted for using hedge accounting.

The Company does not plan to adjust its practice of using the 30-day composite commercial paper or a LIBOR index as the receive portion of its interest rate exchange agreements. The Company sets the variable interest rates on its loans based on the cost of its short-term debt, which is comprised of long-term debt due within one year and commercial paper. The Company believes that it is economically hedging its net interest income on loans by using the 30 -day composite commercial paper or LIBOR index, which are the rates that are most closely related to the rates it pays on its own commercial paper. During certain periods, the correlation between the LIBOR rates or the 30-day composite commercial paper rate and the Company's 90 -day and 30 -day commercial paper rate has been higher than the required $90 \%$ to qualify for hedge accounting. However, the correlation is not consistently above the $90 \%$ threshold, therefore the interest rate exchange agreements that use the three-month LIBOR rate or 30-day composite commercial paper rate do not qualify for hedge accounting. For the purposes of its own analysis, the Company believes that the correlation is sufficiently high to consider these agreements effective economic hedges.

As a result of applying SFAS 133, the Company has recorded derivative assets of $\$ 221$ million and $\$ 223$ million and derivative liabilities of $\$ 171$ million and $\$ 72$ million at May 31, 2008 and 2007, respectively. From inception to date, accumulated other comprehensive income related to derivatives was $\$ 9$ million and $\$ 12$ million as of May 31, 2008 and 2007, respectively.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The impact of derivatives on the Company's consolidated statements of operations for the years ended May 31, 2008, 2007 and 2006 was a loss of $\$ 72$ million, a gain of $\$ 7$ million and a gain of $\$ 107$ million, respectively. The change in the fair value of derivatives for the years ended May 31, 2008, 2007 and 2006 was a loss of $\$ 99$ million, a loss of $\$ 79$ million and a gain of $\$ 29$ million, respectively, recorded in the Company's derivative forward value. For the years ended May 31, 2008, 2007 and 2006, the derivative forward value includes amortization income of $\$ 3$ million and $\$ 0.8$ million and amortization expense of $\$ 0.4$ million, respectively, related to the transition adjustment recorded as an other comprehensive loss on June 1, 2001, the date the Company implemented SFAS 133. In addition, income totaling $\$ 27$ million, $\$ 86$ million and $\$ 79$ million was recorded for total net cash settlements received by the Company during the years ended May 31, 2008, 2007 and 2006, respectively, of which $\$ 27$ million, $\$ 86$ million and $\$ 81$ million, respectively, relate to interest rate and cross currency interest rate exchange agreements that do not qualify for hedge accounting under SFAS 133 and were recorded in derivative cash settlements. The remaining expense of $\$ 2$ million for the year ended May 31, 2006 relate to interest rate and cross currency interest rate exchange agreements that qualify for hedge accounting under SFAS 133 and were recorded in interest expense.

22

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The Company is required to determine the fair value of its derivative instruments. Because there is not an active secondary market for the types of derivative instruments it uses, the Company obtains market quotes from its dealer counterparties. The market quotes are based on the expected future cash flow and estimated yield curves. The Company performs its own analysis to confirm the values obtained from the counterparties. 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 for the majority of its derivatives or in the other comprehensive income account on the consolidated balance sheets for the derivatives that qualify for hedge accounting. The counterparties are estimating future interest rates as part of the quotes they provide to the Company. The Company adjusts all derivatives to fair value on a quarterly basis. The fair value recorded by the Company will change as estimates of future interest rates change. To estimate the impact of changes to interest rates on the forward value of derivatives, the Company would need to estimate all changes to interest rates through the maturity of its outstanding derivatives. The Company has derivatives in the current portfolio that do not mature until 2045. In addition, the Company excludes the changes to the fair value of derivatives from its internal analysis since they represent the net present value of all future estimated cash settlements. Thus, the Company does not estimate the impact of changes in future interest rates to the fair value of its derivatives. The Company does not believe that volatility in the derivative forward value line on the consolidated statements of operations is meaningful in assessing its current financial condition as it represents an estimated future value and not a cash impact for the current period.

Cash settlements that the Company pays and receives for derivative instruments that do not qualify for hedge accounting are recorded in the cash settlements line in the consolidated statements of operations. Each 25 basis point increase or decrease to the 30-day composite commercial paper index and the three-month LIBOR rate would result in a $\$ 6$ million increase or decrease in the Company's net cash settlements due to the composition of the portfolio at May 31, 2008. The Company's interest rate exchange agreements at May 31, 2008 include $\$ 7,660$ million notional amount, or $59 \%$ of the total interest rate exchange agreements, in which the Company pays a fixed interest rate and receives a variable interest rate. For the remaining $\$ 5,256$ million notional amount, or $41 \%$ of the total interest rate exchange agreements at May 31, 2008, the Company pays a variable interest rate and receives a fixed interest rate. Based on the interest rate exchange agreements in place at May 31, 2008, an increase to variable interest rates results in an increase to cash settlements due to National Rural.

## New Accounting Pronouncements

On June 1, 2007, the Company adopted SFAS 155, Accounting for Certain Hybrid Financial Instruments - an amendment of SFAS 133 and 140. SFAS 155 permits fair value measurement of any hybrid financial instrument that contains an embedded derivative that otherwise would require bifurcation. SFAS 155 also clarifies which interest-only strips and principal-only strips are not subject to the requirements of SFAS 133. It establishes a requirement to evaluate interests in securitized financial assets to identify interests that are freestanding derivatives or that are hybrid financial instruments that contain an embedded derivative requiring bifurcation. SFAS 155 also clarifies that concentrations of credit risk in the form of subordination are not embedded derivatives. SFAS 155 is effective for all financial instruments acquired or issued after the beginning of an entity's first fiscal year that begins after September 15, 2006. The Company's adoption of SFAS 155 did not have a material impact on the Company's financial position or results of operations.

On June 1, 2007, the Company adopted SFAS 156, Accounting for Servicing of Financial Assets. SFAS 156 requires the initial measurement of all separately recognized servicing assets and liabilities at fair value and permits, but does not require, the subsequent measurement of servicing assets and liabilities at fair value. SFAS 156 is effective as of the beginning of the first fiscal year that begins after September 15, 2006. The Company's adoption of SFAS 156 did not have a material impact on the Company's financial position or results of operations.

On June 1, 2007, the Company adopted Financial Accounting Standards Board ("FASB") Interpretation No. ("FIN") 48, Accounting for Uncertainty in Income Taxes, an interpretation of SFAS 109. FIN 48 clarifies the accounting for income taxes by prescribing a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. FIN 48 also provides guidance on derecognition, classification, interest and penalties, accounting in interim periods, disclosure and transition. FIN 48 is effective for fiscal years beginning after December 15, 2006. The Company's adoption of FIN 48 did not have a material impact on the Company's financial position or results of operations.

In September 2006, the FASB issued SFAS 157, Fair Value Measurements. SFAS 157 defines fair value, sets out a framework for measuring fair value and expands on required disclosures about fair value measurement. SFAS 157 is effective as of the beginning of the first fiscal year that begins after November 15, 2007. The Company's adoption of SFAS 157 as of June 1, 2008 is not expected to have a material impact on the Company's financial position or results of operations.

In February 2007, the FASB issued SFAS 159, The Fair Value Option for Financial Assets and Financial Liabilities. The fair value option established by SFAS 159 permits entities to choose to measure eligible financial instruments at fair value. The unrealized gains and losses on items for which the fair value option has been elected should be reported in earnings. The decision to elect the fair value option is determined on an instrument by instrument basis and is irrevocable. Assets and
liabilities measured at fair value pursuant to the fair value option should be reported separately in the balance sheet from those instruments measured using other measurement attributes. SFAS 159 is effective as of the beginning of the first fiscal year that begins after November 15, 2007. As part of the Company's adoption of SFAS 159 as of June 1, 2008, it has not elected the option to measure eligible financial instruments at fair value and therefore the adoption of SFAS 159 is not expected to have a material impact on the Company's financial position or results of operations.

In December 2007, the FASB issued SFAS 160, Noncontrolling Interests in Consolidated Financial Statements, an amendment of Accounting Research Bulletin ("ARB") 51, Consolidated Financial Statements, 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. 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 a material impact on the Company's financial position or results of operations.

## Results of Operations

Fiscal Year 2008 versus 2007 Results
The following chart presents the results of operations for the year ended May 31, 2008 versus May 31, 2007.

|  | For the year ended May 31, |  | Increase/ <br> (Decrease) |
| :--- | :---: | :---: | :---: |
| (Dollar amounts in thousands) | 2008 | 2007 | 15,316 |
| Interest income | $\$ 1,069,540$ | $\$ 1,054,224$ | $\$$ |
| Interest expense | $(936,889)$ | $(996,730)$ | 59,841 |
| $\quad$ Net interest income | 132,651 | 57,494 | 75,157 |
| Recovery of loan losses | 30,262 | 6,922 | 23,340 |
| Net interest income after recovery of loan losses | 162,913 | 64,416 | 98,497 |
|  |  |  |  |
| Non-interest income: | 1,461 | 1,533 | $(72)$ |
| $\quad$ Rental and other income | 27,033 | 86,442 | $(59,409)$ |
| $\quad$ Derivative cash settlements | 7,528 | 9,758 | $(2,230)$ |
| $\quad$ Results operations of foreclosed assets | 36,022 | 97,733 | $(61,711)$ |
| Total non-interest income |  |  |  |


| Non-interest expense: |  |  |  |
| :--- | :---: | ---: | :---: |
| Salaries and employee benefits | $(36,428)$ | $(33,817)$ | $(2,611)$ |
| Other general and administrative expenses | $(24,041)$ | $(18,072)$ | $(5,969)$ |
| Recovery of guarantee liability | 3,104 | 1,700 | 1,404 |
| Market adjustment on foreclosed assets | $(5,840)$ | - | $(5,840)$ |
| Derivative forward value | $(98,743)$ | $(79,281)$ | $(19,462)$ |
| Foreign currency adjustments | - | $(14,554)$ | 14,554 |
| Loss on sale of loans | $(676)$ | $(1,584)$ | 908 |
| Total non-interest expense | $(162,624)$ | $(145,608)$ | $(17,016)$ |


| Income prior to income taxes and minority interest | 36,311 | 16,541 | 19,770 |  |
| :--- | ---: | ---: | ---: | ---: |
| Income tax benefit (expense) | 3,335 | $(2,396)$ | 5,731 |  |
| Minority interest, net of income taxes | 6,099 | $(2,444)$ | 8,543 |  |
| $\quad$ Net income | 45,745 | $\$$ | 11,701 | $\$$ |
|  |  |  | 34,044 |  |
| TIER | 1.05 | 1.01 |  |  |
| Adjusted TIER (1) | 1.15 | 1.12 |  |  |
| (1) |  |  |  |  |

5(1) Adjusted to exclude the impact of the derivative forward value and foreign currency adjustments 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.

Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

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 Volume Rate 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 income yield.

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.

Volume Rate Variance Table<br>(Dollar amounts in millions)

For the year ended May 31,


Adjusted interest expense (4)
Total $\quad \$ 8,400 \quad \$(910)(4.94) \% \quad \$ 8,193 \quad \$(910) \quad(5.00) \% \quad \$(11) \quad \$ 11 \quad \$ \quad-$
(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 contracts 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.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## Interest Income

Total interest income reported on the consolidated statements of operations and shown in the chart above is summarized as follows by income type and as a percentage of average loans outstanding:

For the year ended May 31,
2008
2007

| (Dollar amounts in thousands) | Amount | Rate | Amount | Rate | Increase/ (Decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Interest on long-term fixed rate loans (1) | \$ 872,488 |  | \$ 833,247 |  | \$ 39,241 |
| Interest on long-term variable rate loans (1) | 86,787 |  | 114,786 |  | $(27,999)$ |
| Interest on short-term loans (1) | 77,145 |  | 72,632 |  | 4,513 |
| Total interest income on loans | 1,036,420 | 5.63 \% | 1,020,665 | 5.61\% | 15,755 |
| Interest on investments (2) | 7,394 | 0.04 \% | 9,662 | 0.05\% | $(2,268)$ |
| Conversion fees (3) | 6,670 | 0.04 \% | 9,162 | 0.05\% | $(2,492)$ |
| Make-whole and prepayment fees (4) | 10,759 | 0.06 \% | 4,748 | 0.03\% | 6,011 |
| Commitment and guarantee fees (5) | 5,109 | 0.03 \% | 9,161 | 0.05\% | $(4,052)$ |
| Other fees | 3,188 | 0.01 \% | 826 |  | 2,362 |
| Total interest | \$ 1,069,540 | 5.81 \% | \$1,054,224 | 5.79\% | \$ 15,316 |

income
(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 prorata basis according to the amount of the loan commitment that is advanced. Such refundable fees are deferred and then recognized on a prorata 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 charged based on the amount, type and term of the guarantee. Guarantee fees are deferred and amortized using the straight-line method into interest income over the life of the guarantee.

The $\$ 15$ million or $1 \%$ increase to the total interest income for the year ended May 31, 2008 as compared to the prior year period was due to the increase in National Rural and NCSC loan volume and long-term fixed rate loans that repriced at higher interest rates partly offset by the decrease in RTFC loan volume and lower variable interest rates. Interest rates for approximately $\$ 703$ million of National Rural long-term fixed rate loans were repriced in January 2008 with $85 \%$ selecting a new fixed rate. The weighted average interest rate of long-term loans subject to repricing in January 2008 was approximately $5.37 \%$, which is lower than the National Rural fixed interest rates available to members at that time of between $5.65 \%$ and $7.25 \%$ (depending on the term selected). The increase in interest income was offset by the impact of the Company decreasing variable interest rates by approximately 215 to 250 basis points, depending on the loan program, since May 31, 2007.

For the year ended May 31, 2008, the Company had a reduction to interest income of $\$ 67$ million due to non-accrual loans compared to a reduction of $\$ 81$ million for the prior year period. The impact on National Rural interest income of non-accrual loans was a reduction of $\$ 34$ million for the year ended May 31, 2008 as compared to $\$ 39$ million for

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

the prior year period. The impact on RTFC interest income of non-accrual loans was a reduction of $\$ 33$ million for the year ended May 31, 2008 as compared to $\$ 42$ million for the prior year period. The impact of non-accrual loans on interest income is included in the rate variance in the chart above.

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

For the year ended May 31,
20082007

| (Dollar amounts in thousands) | Amount | Rate | Amount | Rate | Increase/ (Decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Interest expense - commercial paper and | \$ |  | \$ |  |  |
| bid notes (1) | 122,786 |  | 178,687 |  | $(55,901)$ |
| Interest expense - medium-term notes (1) | 330,193 |  | 363,760 |  | $(33,567)$ |
| Interest expense - collateral trust bonds (1) | 243,579 |  | 218,523 |  | 25,056 |
| Interest expense - subordinated deferrable debt (1) | 19,663 |  | 33,089 |  | $(13,426)$ |
| Interest expense - subordinated certificates (1) | 48,717 |  | 47,852 |  | 865 |
| Interest expense - long-term private debt (1) | 136,779 |  | 118,722 |  | 18,057 |
| Total interest expense on debt | 901,717 | 4.90\% | 960,633 | 5.28\% | $(58,916)$ |
| Debt issuance costs (2) | 9,605 | 0.05\% | 12,328 | 0.07\% | $(2,723)$ |
| Commitment and guarantee fees (3) | 17,915 | 0.10\% | 16,023 | 0.09\% | 1,892 |
| Loss on extinguishment of debt (4) | 5,509 | 0.03\% | 4,806 | 0.03\% | 703 |
| Other fees | 2,143 | 0.01\% | 2,940 | 0.01\% | (797) |
| Total interest expense | \$ 936,889 | 5.09\% | \$ 996,730 | 5.48\% | $\$(59,841)$ |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

(1) Represents interest expense and the amortization of discounts on debt.
(2) Includes amortization of all deferred charges related to debt issuance, 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 gain or loss on the early retirement of debt including the write-off of unamortized discount, premium and issuance costs.

The $\$ 60$ million or 6\% decrease to total interest expense for the year ended May 31, 2008 as compared to the prior year period was due to lower interest expense on commercial paper 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 May 31, 2007. The $\$ 500$ million borrowed under the REDLG program in August 2007 represents a lower cost compared to the Company's other forms of long-term debt as a result of the guarantee of repayment by the RUS. In addition, the $\$ 175$ million of $7.40 \%$ subordinated deferrable debt redeemed in June 2007 resulted in a 39 basis point decrease in the weighted average cost of subordinated deferrable debt. The Company redeemed these securities at par and recorded a charge of $\$ 6$ million in interest expense for the unamortized issuance costs in the first quarter of fiscal year 2008. There was a $\$ 5$ million loss on the extinguishment of debt for the year ended May 31, 2007 due to the write-off of unamortized debt issuance costs associated with the early redemption of subordinated deferrable debt.

The adjusted interest expense, which includes all derivative cash settlements, was consistent for the year ended May 31,2008 with 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.

## Net Interest Income

The change in the line items described above resulted in an increase in net interest income of $\$ 75$ million for the year ended May 31, 2008 compared to the prior year period. The adjusted net interest income, which includes all derivative cash settlements, for the year ended May 31, 2008 was $\$ 160$ million, an increase of $\$ 16$ 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 its interest expense, and therefore net interest income.

## Recovery of Loan Losses

The $\$ 30$ million recovery of loan losses for the year ended May 31, 2008 resulted substantially from the decrease in calculated impairments due to lower variable rates and payments received on impaired loans.

Non-interest Income
Non-interest income decreased by $\$ 62$ million for the year ended May 31, 2008 compared to the prior year primarily due to decreases in cash settlements and income from the operations of foreclosed assets. The $\$ 59$ million decrease in cash settlements for the year ended May 31, 2008 from the prior year period is primarily due to a $\$ 31$ million payment received during the prior year for the termination of two exchange agreements compared to $\$ 8$ million paid during the year ended May 31, 2008 for the termination of three exchange agreements. Additionally, cash settlements decreased for the year ended May 31, 2008 due to the 325 basis point decrease in the federal funds rate from May 31, 2007 to May 31, 2008 as the Company received a variable rate on $59 \%$ of its interest rate exchange agreements during fiscal year 2008 compared to $41 \%$ of its interest rate exchange agreements for which the Company pays a variable rate. Income from the operation of foreclosed assets decreased by $\$ 2$ million for the year ended May 31, 2008

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

compared to the prior year due to a lower outstanding balance in foreclosed assets. At May 31, 2008, the foreclosed assets are comprised of real estate developer notes receivable and limited partnership interests in certain real estate developments.

Non-interest Expense
Non-interest expense increased by $\$ 17$ million for the year ended May 31, 2008 compared to the prior year.

Salaries and employee benefits increased by $\$ 3$ million for the year ended May 31, 2008 as compared to the prior year period primarily due to additional headcount and higher medical insurance rates paid by the Company. The Company had 13 additional employee positions filled at May 31, 2008 as compared to the prior year period end.

General and administrative expenses increased by $\$ 6$ million for the year ended May 31, 2008 compared to the prior year period because of increased expenditures for the acceleration of information systems projects and the write-off of site work expenses on property the Company had under contract, but the seller was unable to meet the conditions to close the sale. Increased membership meeting expenses, marketing and audit fees also contributed to higher general and administrative expenses for the year ended May 31, 2008.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

For the year ended May 31, 2008, the Company determined that there was a reduction of $\$ 6$ million to the market value of the real estate developer notes receivable held as foreclosed assets. The reduction to the market value was primarily as a result of the slowdown in lot sales due to residential home market weakness.

The $\$ 19$ million decrease in the derivative forward value during the year ended May 31, 2008 compared to the prior year period is due to changes in the estimate of future interest rates over the remaining life of the derivative contracts.

There was no foreign denominated debt outstanding during the year ended May 31, 2008, therefore resulting in no foreign currency adjustments compared to $\$ 15$ million in the prior year period. When the Company issues debt in foreign currencies, it must adjust the value of the debt reported on the consolidated balance sheets for changes in foreign currency exchange rates since the date of issuance. To the extent that the current exchange rate is different than the exchange rate at the time of issuance, there will be a change in the value of the foreign denominated debt. The adjustment to the value of the debt is reported on the consolidated statements of operations as foreign currency adjustments. At the time of issuance of all foreign denominated debt, the Company typically enters into a cross currency or cross currency interest rate exchange agreement to fix the exchange rate on all principal and interest payments through maturity.

Minority Interest
Minority interest represents $\$ 0.3$ million and $\$ 5.8$ million of net loss for RTFC and NCSC, respectively, for the year ended May 31, 2008 compared to $\$ 0.1$ million and $\$ 2.3$ million of net income for RTFC and NCSC, respectively, for the prior year period. The decrease in NCSC net income is primarily due to fluctuations in the fair value of its derivative instruments.

## Net Income

The change in the line items described above resulted in an increase in net income of $\$ 34$ million for the year ended May 31, 2008 from the prior year period. The adjusted net income, which excludes the impact of the derivative forward value and foreign currency adjustments and adds back minority interest, was $\$ 138$ million, compared to $\$ 108$ 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.

Fiscal Year 2007 versus 2006 Results
The following chart presents the results for the year ended May 31, 2007 versus 2006.

| For the year ended May 31, |  |  |  |
| :---: | :---: | :---: | :---: |
| (Dollar amounts in thousands) | 2007 | 2006 | Increase/ (Decrease) |
| Interest income | \$ 1,054,224 | \$ 1,007,912 | \$ 46,312 |
| Interest expense | $(996,730)$ | $(975,936)$ | $(20,794)$ |
| Net interest income | 57,494 | 31,976 | 25,518 |
| Recovery of (provision for) loan losses | 6,922 | $(23,240)$ | 30,162 |
| Net interest income after recovery of (provision for) | 64,416 | 8,736 | 55,680 |
| loan losses |  |  |  |
| Non-interest income: |  |  |  |
| Rental and other income | 1,533 | 2,398 | (865) |
| Derivative cash settlements | 86,442 | 80,883 | 5,559 |
| Results of operations of foreclosed assets | 9,758 | 15,492 | $(5,734)$ |
| Gain on sale of building and land | - | 43,431 | $(43,431)$ |
| Total non-interest income | 97,733 | 142,204 | $(44,471)$ |

Non-interest expense:

| Salaries and employee benefits | $(33,817)$ | $(31,494)$ | $(2,323)$ |
| :--- | :---: | :---: | :---: |
| Other general and administrative expenses | $(18,072)$ | $(20,595)$ | 2,523 |
| Recovery of guarantee liability | 1,700 | 700 | 1,000 |
| Derivative forward value | $(79,281)$ | 28,805 | $(108,086)$ |
| Foreign currency adjustments | $(14,554)$ | $(22,594)$ | 8,040 |
| Loss on sale of loans | $(1,584)$ | - | $(1,584)$ |
| $\quad$ Total non-interest expense | $(145,608)$ | $(45,178)$ | $(100,430)$ |
| Income prior to income taxes and minority interest | 16,541 | 105,762 | $(89,221)$ |
| Income tax expense | $(2,396)$ | $(3,176)$ | 780 |
| Minority interest, net of income taxes | $(2,444)$ | $(7,089)$ | 4,645 |
| $\quad$ Net income | $\$ 11,701$ | $\$$ | 95,497 |
| TIER | 1.01 |  | $(83,796)$ |
| Adjusted TIER $(1)$ | 1.12 | 1.10 |  |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

(1) Adjusted to exclude the impact of the derivative forward value and foreign currency adjustments 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 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 Volume Rate 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 income yield.

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 net interest income, 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.

Volume Rate Variance Table<br>(Dollar amounts in millions)

For the year ended May 31,
20072006 Change due to

| Average | Average | Average | Average |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Loan Income/Interest | Loan | Income/ Interest |  |  |  |
| Balance (Cost) | Rate | Balance (Cost) | Rate | Volume (1) Rate (2) Total |  |


| Interest income |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| National Rural | \$5,803 | \$ 917 | 5.80\% | 15,605 | \$ 847 | 5.43\% | \$ 11 | \$ 59 | \$ 70 |
| RTFC | 1,994 | 106 | 5.30\% | 2,356 | 130 | 5.50\% | (20) | (4) | (24) |
| NCSC | 396 | 31 | 8.00\% | 444 | 31 | 7.08\% | (4) | 4 | - |
| Total | \$8,193 | \$1,054 | 5.79\% | \$8,405 | \$1,008 | 5.48\% | \$(13) | \$ 59 | \$ 46 |
| Interest expense |  |  |  |  |  |  |  |  |  |
| National Rural | \$5,803 | \$ (870) | (5.51)\% | 15,605 | \$ (827) | (5.30)\% | \$(10) | \$(33) | \$(43) |
| RTFC | 1,994 | (100) | (4.98)\% | 2,356 | (123) | (5.21)\% | 18 | 5 | 23 |
| NCSC | 396 |  | (6.90)\% | 444 | (26) | (5.92)\% | 3 | (4) | (1) |
| Total | \$8,193 | \$ (997) | (5.48)\% | \$8,405 | \$ (976) | (5.30)\% | \$ 11 | \$(32) | \$(21) |
| Net interest income |  |  |  |  |  |  |  |  |  |
| National Rural | \$5,803 | \$ 47 | 0.29\% | 15,605 | \$ 20 | 0.13\% | \$ 1 | \$ 26 | \$ 27 |
| RTFC | 1,994 | 6 | 0.32\% | 2,356 | 7 | 0.29\% | (2) | 1 | (1) |
| NCSC | 396 | 4 | 1.10\% | 444 | 5 | 1.16\% | (1) | - | (1) |
| Total | \$8,193 | \$ 57 | 0.31\% | \$8,405 | \$ 32 | 0.18\% | \$ (2) | \$ 27 | \$ 25 |

Derivative cash settlements (3)

Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

| National | $\$ 2,508$ | $\$$ | 86 | $0.69 \%$ | $\$ 5,030$ | $\$ 82$ | $0.54 \%$ | $\$(14)$ | $\$ 18$ | $\$$ | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Rural | 124 |  | 1 | $0.33 \%$ | 110 |  | $(1)$ | $(0.84) \%$ | - | 2 | 2 |
| NCSC | 12,632 | $\$$ | 87 | $0.68 \%$ | $\$ 5,140$ | $\$$ | 81 | $0.53 \%$ | $\$(14)$ | $\$ 20$ | $\$$ |
| Total | $\$ 2$ |  |  |  |  |  |  |  |  |  |  |

Adjusted interest expense (4)
Total $\quad \$ 8,193 \quad \$(910)(5.00) \% \quad \$ 8,405 \quad \$(895) \quad(4.86) \% \quad \$(3) \quad \$(12) \quad \$(15)$
(1) Variance due to volume is calculated using the following formula: (current average balance - prior year average balance) x prior year rate.
(2) Variance due to rate is calculated using the following formula: (current rate - prior year rate) x current average balance.
(3) For derivative cash settlements, average loan balance represents the average notional amount of derivative contracts 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 all derivative cash settlements in its interest expense.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Interest Income
Total interest income reported on the consolidated statements of operations and shown in the chart above includes the following as a percentage of average loans outstanding:

|  |  | r the year | May 31, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 200 |  | 2006 |  |  |
| (Dollar amounts in thousands) | Amount | Rate | Amount | Rate | Increase/ (Decrease) |
| Interest on long-term fixed rate loans (1) | \$ 833,247 |  | \$ 759,618 |  | \$ 73,629 |
| Interest on long-term variable rate loans (1) | 114,786 |  | 153,613 |  | $(38,827)$ |
| Interest on short-term loans (1) | 72,632 |  | 57,636 |  | 14,996 |
| Total interest income on loans | 1,020,665 | 5.61 \% | 970,867 | 5.28\% | 49,798 |
| Interest on investments (2) | 9,662 | 0.05 \% | 10,391 | 0.05\% | (729) |
| Conversion fees (3) | 9,162 | 0.05 \% | 14,444 | 0.08\% | $(5,282)$ |
| Make-whole and prepayment fees (4) | 4,748 | 0.03 \% | 5,409 | 0.03\% | (661) |
| Commitment and guarantee fees (5) | 9,161 | 0.05 \% | 6,488 | 0.04\% | 2,673 |
| Other fees | 826 | - | 313 | - | 513 |
| Total interest | \$1,054,224 | 5.79 \% | \$ 1,007,912 | 5.48\% | \$ 46,312 |

income
(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 prorata basis according to the amount of the loan commitment that is advanced. Such refundable fees are deferred and then recognized on a prorata 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 charged based on the amount, type and term of the guarantee. Guarantee fees are deferred and amortized using the straight-line method into interest income over the life of the guarantee.

The $\$ 46$ million or 5\% increase to the total interest income for the year ended May 31, 2007 as compared to the prior year period was due to the increase to National Rural loan interest rates in the markets offset by lower RTFC loan volume. During the year ended May 31, 2007, the Company raised variable interest rates by approximately 15 basis points, while fixed interest rates remained relatively stable. For the year ended May 31, 2007, the Company had a reduction to interest income of $\$ 81$ million due to non-accrual loans compared to a reduction of $\$ 79$ million for the prior year period. The decrease in loan volume is due to the prepayment of RTFC loans during the year ended May 31, 2007. The $\$ 4$ million decrease in fee and investment income earned during the year ended May 31, 2007 was due to lower conversion fees recognized as compared to the prior year period.

The $\$ 70$ million increase in National Rural interest income during the year ended May 31, 2007 as compared to the prior year was due to the increase in interest rates and loan volume partly offset by the impact of non-accrual loans. The impact on National Rural interest income of non-accrual loans was a reduction of $\$ 39$ million for the year ended

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

May 31, 2007 as compared to $\$ 36$ million for the prior year period. The impact of non-accrual loans on interest income is included in the rate variance in the chart above. The $\$ 24$ million decrease in RTFC interest income during the year ended May 31, 2007 as compared to the prior year was due to the reduction in the balance of RTFC loans outstanding. The impact on RTFC interest income of non-accrual loans was a reduction of $\$ 42$ million for the year ended May 31, 2007 as compared to $\$ 43$ million for the prior year period.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## Interest Expense

Total interest expense reported on the consolidated statements of operations and shown in the Volume Rate Variance Table above includes the following and the weighted average interest rate thereon:

| (Dollar amounts in thousands) | For the year ended May 31, |  |  |  | Increase/ (Decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 |  | 2006 |  |  |
|  | Amount | Rate | Amount | Rate |  |
| Interest expense - commercial paper and bid notes (1) | \$178,687 |  | \$133,035 |  | $\$_{45,652}$ |
| Interest expense - medium-term notes (1) | 363,760 |  | 409,454 |  | $\underset{(45,694}{ }{ }^{\text {) }}$ |
| Interest expense - collateral trust bonds (1) | 218,523 |  | 271,980 |  | $\begin{gathered} \\ (53,457 \end{gathered}$ |
| Interest expense - subordinated deferrable debt (1) | 33,089 |  | 45,349 |  | $\begin{gathered} \left.{ }_{(12,260}\right) \end{gathered}$ |
| Interest expense - subordinated certificates (1) | 47,852 |  | 47,017 |  | 835 |
| Interest expense - long-term private debt (1) | 118,722 |  | 46,201 |  | 72,521 |
| Total interest expense on debt | 960,633 | 5.28\% | 953,036 | 5.18\% | 7,597 |
| Debt issuance costs (2) | 12,328 | 0.07\% | 9,662 | 0.05\% | 2,666 |
| Derivative cash settlements, net (3) | - | - | 2,278 | 0.01\% | $(2,278)$ |
| Commitment and guarantee fees (4) | 16,023 | 0.09\% | 10,595 | 0.06\% | 5,428 |
| Gain on extinguishment of debt (5) | 4,806 | 0.03\% | $(1,907)$ | (0.01)\% | 6,713 |
| Other fees | 2,940 | 0.01\% | 2,272 | 0.01\% | 668 |
| Total interest expense | \$996,730 | 5.48\% | \$975,936 | 5.30\% | \$ 20,794 |

(1) Represents interest expense and the amortization of discounts on debt.
(2) Includes amortization of all deferred charges related to debt issuance, 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) Represents the net cost related to swaps that qualify for hedge treatment plus the accrual from the date of the last settlement to the current period end.
(4) 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.
(5) Represents the gain on the early retirement of debt including the write-off of unamortized discount, premium and issuance costs.

The $\$ 21$ million increase to the total interest expense for the year ended May 31, 2007 as compared to the prior year period was due to the increase to interest rates in the markets and an increase in guarantee fees expensed due to the increase in REDLG debt outstanding. Additionally, there was a $\$ 5$ million loss on the extinguishment of debt for the year ended May 31, 2007 due to the write-off of unamortized debt issuance costs associated with the early redemption of subordinated deferrable debt. Debt issuance costs increased due to the issuance of $\$ 1.6$ billion of extendible term debt with an initial maturity, and therefore amortization period, of 13 months.

The adjusted interest expense, which includes all derivative cash settlements for the year ended May 31, 2007, increased by $\$ 15$ million compared to the prior year period due to the increase to interest expense noted above and the

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

increase to 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.

Net Interest Income
The change in the line items described above resulted in an increase in net interest income of $\$ 25$ million for the year ended May 31, 2007 compared to the prior year period. The adjusted net interest income, which includes all derivative cash settlements, for the year ended May 31,2007 was $\$ 144$ million, an increase of $\$ 31$ 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 its interest expense, and therefore net interest income.

Recovery of/Provision for Loan Losses
A recovery from the allowance for loan losses of $\$ 7$ million was recorded during the year ended May 31, 2007 due primarily to payments received on impaired loans. The provision for loan losses of $\$ 23$ million recorded during the year ended May 31, 2006 was primarily due to an increase in the calculated loan impairments during the year.

Non-interest Income
Non-interest income decreased by $\$ 44$ million for the year ended May 31, 2007 compared to the prior year primarily due to the gain on the sale of the building. On October 18, 2005, National Rural closed on the sale of its headquarters facility in Fairfax County, Virginia to an affiliate of Prentiss Properties Acquisition Partners, L.P. resulting in a gain of $\$ 43$ million for the year ended May 31, 2006. Cash settlements increased $\$ 6$ million for the year ended May 31, 2007 compared to the prior year period due to a $\$ 31$ million payment received as a result of the termination of two interest rate exchange agreements offset by both a decrease to the net rate earned by the Company on exchange agreements and the reduction in the average notional amount of derivatives outstanding as compared to the prior year period. The results of operations of foreclosed assets for the year ended May 31, 2007 decreased $\$ 6$ million compared to the prior year period primarily due to a gain of $\$ 4$ million recorded for the year
ended May 31, 2006 related to the sale of real estate assets in August 2005. At May 31, 2007, the remaining balance of foreclosed assets is comprised of notes receivable which the Company continues to service.

## Non-interest Expense

Non-interest expense increased by $\$ 101$ million for the year ended May 31, 2007 compared to the prior year due primarily to a $\$ 108$ million decrease in the derivative forward value during the year ended May 31, 2007 compared to the prior year. The decrease resulted from changes in the estimate of future interest rates over the remaining life of the derivative contracts and a $17 \%$ reduction in the average notional amount of derivatives outstanding.

This was partially offset by an increase to the Company's foreign currency adjustment for the year ended May 31, 2007 of $\$ 8$ million compared to the year ended May 31, 2006. Changes in the exchange rate between the U.S. dollar and Euro and the U.S. dollar and Australian dollar may cause the value of foreign denominated debt outstanding to fluctuate. An increase in the value of the Euro or the Australian dollar versus the value of the U.S. dollar results in an increase in the recorded U.S. dollar value of foreign denominated debt and therefore a charge to expense on the consolidated statements of operations, while a decrease in exchange rates results in a reduction in the recorded U.S. dollar value of foreign denominated debt and income. The Company has entered into foreign currency exchange agreements to cover all of the cash flows associated with its foreign denominated debt. Changes in the value of the foreign currency exchange agreement are approximately offset by changes in the value of the outstanding foreign denominated debt.

Minority Interest
For the year ended May 31, 2007, minority interest decreased by $\$ 5$ million to $\$ 2$ million compared to $\$ 7$ million for the year ended May 31, 2006. Minority interest represents the RTFC and NCSC net income.

## Net Income

The change in the line items described above resulted in a decrease in net income of $\$ 84$ million for the year ended May 31, 2007 from the prior year period. The adjusted net income, which excludes the impact of the derivative forward value and foreign currency adjustments and adds back minority interest, was $\$ 108$ million, compared to $\$ 97$ million for the prior year period. The adjusted net income for the year ended May 31, 2006 included a $\$ 43$ million gain on the sale of building and land. Adjusted net income for the year ended May 31, 2006 was $\$ 54$ million excluding the $\$ 43$ million gain on the sale of the building and land. See "Non-GAAP Financial Measures" for further explanation of the adjustments the Company makes in its financial analysis to net income.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Operating Results as a Percentage of Average Loans Outstanding
The Company's operating results as a percentage of average loans outstanding is summarized as follows:

|  | For the year ended May 31, |  |  |
| :--- | :---: | :---: | :---: |
| Interest income | 2008 | 2007 | 2006 |
| Interest expense | $5.81 \%$ | $5.79 \%$ | $5.48 \%$ |
| $\quad$ Net interest income | $(5.09) \%$ | $(5.48) \%$ | $(5.30) \%$ |
| Recovery of (provision for) loan losses | $0.72 \%$ | $0.31 \%$ | $0.18 \%$ |
| Net interest income after recovery of (provision for) loan losses | $0.17 \%$ | $0.04 \%$ | $(0.13) \%$ |
|  | $0.89 \%$ | $0.35 \%$ | $0.05 \%$ |
| Non-interest income: |  |  |  |
| Rental and other income | $0.01 \%$ | $0.01 \%$ | $0.01 \%$ |
| Derivative cash settlements | $0.15 \%$ | $0.48 \%$ | $0.44 \%$ |
| Results of operations of foreclosed assets | $0.04 \%$ | $0.05 \%$ | $0.08 \%$ |
| Gain on sale of building and land | - | - | $0.23 \%$ |
| Total non-interest income | $0.20 \%$ | $0.54 \%$ | $0.76 \%$ |

Non-interest expense:

| Salaries and employee benefits | (0.20)\% | (0.19)\% | (0.17)\% |
| :---: | :---: | :---: | :---: |
| Other general and administrative expenses | (0.14)\% | (0.10)\% | (0.11)\% |
| Recovery for guarantee liability | 0.02\% | 0.01\% | 0.01\% |
| Market adjustment of foreclosed assets | (0.03)\% | - | - |
| Derivative forward value | (0.54)\% | (0.43)\% | 0.16\% |
| Foreign currency adjustments | - | (0.08)\% | (0.13)\% |
| Loss on sale of loans | - | (0.01)\% | - |
| Total non-interest expense | (0.89)\% | (0.80)\% | (0.24)\% |
|  |  |  |  |
| Income prior to income taxes and minority interest | 0.20\% | 0.09\% | 0.57\% |
|  |  |  |  |
| Income tax benefit (expense) | 0.02\% | (0.01)\% | (0.01)\% |
| Minority interest, net of income taxes | 0.03\% | (0.01)\% | (0.04)\% |
| Net income | 0.25\% | 0.07\% | 0.52\% |
|  |  |  |  |
| Adjusted net interest income (1) | 0.87\% | 0.79\% | 0.62\% |
| Adjusted income prior to income taxes and minority interest (2) | 0.74 \% | 0.60 \% | 0.54 \% |

(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 and foreign currency adjustments. See "Non-GAAP Financial

Measures" for further explanation and a reconciliation of these adjustments.

## Ratio of Earnings to Fixed Charges

The following chart 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.

[^1]For the year ended May 31,

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

| Income prior to cumulative effect of <br> change in accounting principle | $\$$ | 45,745 | $\$$ | 11,701 | $\$$ | 95,497 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Add: fixed charges | 936,889 |  | 996,730 |  | 975,936 |  |
| Earnings available for fixed charges | $\$$ | 982,634 | $\$$ | $1,008,431$ | $\$$ | $1,071,433$ |
| Total fixed charges: |  |  |  |  |  |  |
| Interest on all debt (including <br> amortization of <br> discount and issuance costs) | $\$ 936,889$ | $\$$ | 996,730 | $\$$ | 975,936 |  |
| Ratio of earnings to fixed charges | 1.05 |  | 1.01 |  | 1.10 |  |

## 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.

33

The following chart summarizes loans by type and by segment at May 31:

| (Dollar amounts in <br> thousands) | 2008 |  | 2007 |  |
| :--- | ---: | ---: | ---: | ---: |
| Loans by type: <br> Long-term loans (1): |  |  |  | Increase/ <br> (Decrease) |
| Long-term fixed rate <br> loans | $\$ 15,418,662$ | $81 \%$ | $\$ 14,881,046$ | $82 \%$ |


| (Dollar amounts in thousands) | 2008 |  | 2007 |  | Increase/ (Decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Loans by segment: |  |  |  |  |  |
| National Rural: |  |  |  |  |  |
| Distribution | \$13,438,370 | 71\% | \$12,827,772 | 71\% | \$ 610,598 |
| Power supply | 3,339,112 | 17\% | 2,858,040 | 16\% | 481,072 |
| Statewide and associate | 108,925 | 1\% | 119,478 | 1\% | $(10,553)$ |
| National Rural Total | 16,886,407 | 89\% | 15,805,290 | 88\% | 1,081,117 |
| RTFC | 1,726,514 | 9\% | 1,860,379 | 10\% | $(133,865)$ |
| NCSC | 414,074 | 2\% | 462,538 | 2\% | $(48,464)$ |
| Total | \$19,026,995 | 100\% | \$18,128,207 | 100\% | \$ 898,788 |

(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 $5 \%$ during the year ended May 31, 2008. National Rural loans outstanding increased due to net advances of $\$ 1,155$ million offset by the sale of $\$ 74$ million of National Rural distribution loans in loan securitization transactions during the year ended May 31, 2008. The primary reasons for the National Rural loan growth included RUS note buyouts, funding of capital expenditures, bridge financing to fund projects prior to RUS funding is received and funding for renewable energy projects.

Long-term fixed rate loans at May 31, 2008 and 2007 represented $89 \%$ and $88 \%$, respectively, of total long-term loans. Loans converting from a variable rate to a fixed rate for the year ended May 31, 2008 totaled $\$ 711$ million, which was offset by $\$ 274$ million of loans that converted from a fixed rate to a variable rate. This resulted in a net conversion of $\$ 437$ million from a variable rate to a fixed rate for the year ended May 31, 2008. For the year ended May 31, 2007, loans converting from a variable rate to a fixed rate totaled $\$ 372$ million, which was offset by $\$ 190$ million of loans that converted from a fixed rate to a variable rate. This resulted in a net conversion of $\$ 182$ million from a variable rate to a fixed rate for the year ended May 31, 2007.

The following chart summarizes loans and guarantees outstanding by segment at May 31:
(Dollar amounts in thousands) 2008
2008
2007
Increase/

| National Rural: |  |  |  |  | (Decrease) |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Distribution | $\$ 13,622,829$ | $68 \%$ | $\$ 13,039,092$ | $68 \%$ | $\$$ | 583,737 |
| Power supply | $4,125,567$ | $20 \%$ | $3,655,049$ | $19 \%$ | 470,518 |  |
| Statewide and associate | 131,710 | $1 \%$ | 144,837 | $1 \%$ | $(13,127)$ |  |
| $\quad$ National Rural Total | $17,880,106$ | $89 \%$ | $16,838,978$ | $88 \%$ | $1,041,128$ |  |
| RTFC | $1,726,774$ | $9 \%$ | $1,860,379$ | $10 \%$ | $(133,605)$ |  |
| NCSC | 457,255 | $2 \%$ | 503,224 | $2 \%$ | $(45,969)$ |  |
| $\quad$ Total | $\$ 20,064,135$ | $100 \%$ | $\$ 19,202,581$ | $100 \%$ | $\$$ | 861,554 |

The following table summarizes the RTFC segment loans and guarantees outstanding as of May 31:

| (Dollar amounts in thousands) | 2008 |  | 2007 |  | Increase/ <br> (Decrease) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Rural local exchange carriers | \$1,518,197 | 88\% | \$1,630,246 | 88\% | \$(112,049) |
| Cable television providers | 153,539 | 9\% | 154,738 | 8\% | $(1,199)$ |
| Fiber optic network providers | 16,884 | 1\% | 37,422 | $2 \%$ | (20,538) |
| Competitive local exchange carriers | 29,871 | 2\% | 21,039 | 1\% | 8,832 |
| Wireless providers | 4,579 | - | 3,609 | - | 970 |
| Long distance carriers | - | - | 9,069 | 1\% | $(9,069)$ |
| Other | 3,704 | - | 4,256 | - | (552) |
| Total | \$1,726,774 | 100\% | \$1,860,379 | 100\% | \$ $(133,605)$ |

34

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The Company's members are widely dispersed throughout the United States and its territories, including 49 states, the District of Columbia and two U.S. territories. At May 31, 2008, 2007 and 2006, loans and guarantees outstanding to members in any one state or territory did not exceed $17 \%, 15 \%$ and $16 \%$, respectively, 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 makes best efforts 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 policy. Management of credit concentrations may include the use of syndicated credit agreements.

Total exposure, as defined by the policy, includes 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 May 31, 2008 and 2007, the total exposure outstanding to any one borrower or controlled group did not exceed $2.7 \%$ and $3.0 \%$, respectively, of total loans and guarantees outstanding. At May 31, 2008, the ten largest borrowers included five distribution systems, four power supply systems and one telecommunications system. At May 31, 2007, the ten largest borrowers included six distribution systems, two power supply systems and two telecommunications systems. The following chart shows the exposure to the ten largest borrowers as a percentage of total exposure by type and by segment at May 31:

| (Dollar amounts in thousands) | 2008 |  | 2007 |  | Increase/ <br> (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | \% of Total | Amount | \% of <br> Total |  |  |
| Total by type: |  |  |  |  |  |  |
| Loans | \$3,395,865 |  | \$3,306,986 |  | \$ | 88,879 |
| Guarantees | 164,740 |  | 76,867 |  |  | 87,873 |
| Total credit exposure to ten largest borrowers | \$3,560,605 | 18\% | \$3,383,853 | 18\% | \$ | 176,752 |


| Total by segment: | $\$ 3,043,905$ | $\$ 2,691,060$ |  | $\$ 352,845$ |
| :--- | ---: | ---: | ---: | ---: |
| National Rural | 491,700 | 692,793 |  | $(201,093)$ |
| RTFC | 25,000 |  | - |  |
| NCSC | $\$ 3,560,605$ | $18 \%$ | $\$ 3,383,853$ | $18 \%$ |
| Total credit exposure to ten | $\$$ | 176,752 |  |  |
| largest borrowers |  |  |  |  |

## 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

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

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 at May 31:

| (Dollar amounts in thousands) | 2008 |  | 2007 |  | Increase/ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | \% of <br> Total | Amount | \% of <br> Total |  |  |
| Total by type: |  |  |  |  |  |  |
| Loans | \$2,150,739 |  | \$ 1,634,296 |  | \$ | 516,443 |
| Guarantees | 235,816 |  | 220,983 |  |  | 14,833 |
| Total unsecured credit exposure | \$2,386,555 | 11\% | \$1,855,279 | 10\% | \$ | 531,276 |
| Total by segment: |  |  |  |  |  |  |
| National Rural | \$2,100,676 |  | \$1,559,097 |  | \$ | 541,579 |
| RTFC | 229,287 |  | 230,300 |  |  | $(1,013)$ |
| NCSC | 56,592 |  | 65,882 |  |  | $(9,290)$ |
| Total unsecured credit exposure | \$2,386,555 | 11\% | \$1,855,279 | 10\% | \$ | 531,276 |

## Non-performing Loans

A borrower is classified as non-performing when any one of the following criteria are 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 May 31, 2008 and 2007, the Company had non-performing loans outstanding in the amount of $\$ 507$ million and $\$ 502$ million, respectively. All loans classified as non-performing were on a non-accrual status with respect to the recognition of interest income.

At May 31, 2008 and 2007, non-performing loans include $\$ 492$ million and $\$ 493$ 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

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

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 15 to the consolidated financial statements. Based on its analysis, the Company believes that it is adequately reserved for its exposure to ICC at May 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.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

At May 31, 2008 and 2007, restructured loans totaled $\$ 577$ million and $\$ 603$ million, respectively. A total of $\$ 519$ million and $\$ 545$ million of restructured loans were on non-accrual status with respect to the recognition of interest income at May 31, 2008 and 2007, respectively.

At May 31, 2008 and 2007, the Company had $\$ 519$ million and $\$ 545$ 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 both May 31, 2008 and 2007. Total loans to CoServ at May 31, 2008 and 2007 represented $2.7 \%$ and $2.9 \%$ of the Company's total loans and guarantees outstanding, respectively.

Under the terms of a bankruptcy settlement, 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. As of May 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 May 31, 2008.
Pioneer Electric Cooperative, Inc. ("Pioneer") is an electric distribution cooperative located in Greenville, Alabama. Pioneer had also invested in a propane gas operation, which it has sold. Pioneer had experienced deterioration in its financial condition as a result of losses in the gas operation. At May 31, 2008 and 2007, National Rural had a total $\$ 52$ million in loans outstanding to Pioneer. Pioneer was current with respect to all debt service payments at May 31, 2008. National Rural is the principal creditor to Pioneer.

On March 9, 2006, National Rural and Pioneer agreed on the terms of a debt modification that resulted in the loans being classified as restructured. Under the amended agreement, National Rural extended the maturity of the outstanding loans and granted a two-year deferral of principal payments. In addition, National Rural agreed to make available a line of credit for general corporate purposes. The restructured loans are secured by first liens on substantially all of the assets and revenues of Pioneer. At this time, National Rural plans to maintain the loans to Pioneer on accrual status.

Based on its analysis, the Company believes that it is adequately reserved for its exposure to Pioneer at May 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

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

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.

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 May 31, 2008 and 2007, the Company had impaired loans totaling $\$ 1,078$ million and $\$ 1,099$ million, respectively. At May 31, 2008 and 2007, National Rural had specifically reserved a total of $\$ 331$ million and $\$ 397$ million, respectively, to cover impaired loans.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The following chart 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) | May 31, 2008 | May 31, 2007 | May 31, 2006 |
| :--- | :---: | :---: | :---: |
| Non-performing loans | $\$ 506,864$ | $\$ 501,864$ | $\$ 577,869$ |
| Percent of loans outstanding | $2.67 \%$ | $2.77 \%$ | $3.15 \%$ |
| Percent of loans and guarantees | $2.52 \%$ | $2.61 \%$ | $2.97 \%$ |
| outstanding |  |  |  |


| Restructured loans | $\$ 577,111$ | $\$$ | 603,305 | 630,354 |
| :--- | :---: | :---: | :---: | :---: |
| Percent of loans outstanding | $3.03 \%$ | $3.33 \%$ | $3.43 \%$ |  |
| Percent of loans and guarantees | $2.88 \%$ |  |  |  |
| outstanding |  |  |  |  |
|  | $\$ 1,105,169$ | $\$ 1,208,223$ |  |  |
| Total non-performing and restructured | $\$ 1,083,975$ | $6.10 \%$ | $6.58 \%$ |  |
| loans | $5.70 \%$ | $5.75 \%$ | $6.21 \%$ |  |
| Percent of loans outstanding $5.40 \%$ |  |  |  |  |

## 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, which are estimated 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. 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 write-offs of loan balances. In making its recommendation to write 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, write-offs totaled $\$ 212$ million and recoveries totaled $\$ 34$ million for a net loan loss of $\$ 178$ 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:

|  | For the year ended May 31, |  |  |
| :--- | :---: | :---: | :---: |
| (Dollar amounts in thousands) | 2008 | 2007 | 2006 |
| Beginning balance | $\$ 561,663$ | $\$ 611,443$ | $\$ 589,749$ |
| (Recovery of) provision for loan losses | $(30,262)$ | $(6,922)$ | 23,240 |
| Net write-offs | $(16,495)$ | $(42,858)$ | $(1,546)$ |
| Ending balance | $\$ 514,906$ | $\$ 561,663$ | $\$ 611,443$ |
|  |  |  |  |
| Loan loss allowance by segment: | $\$ 514,626$ | $\$ 561,113$ | $\$ 610,617$ |
| National Rural | 280 | 550 | 826 |
| NCSC | $\$ 514,906$ | $\$ 561,663$ | $\$ 611,443$ |
| Total |  |  |  |
|  | $2.71 \%$ | $3.10 \%$ | $3.33 \%$ |
| As a percentage of total loans outstanding | $101.59 \%$ | $111.95 \%$ | $105.71 \%$ |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

As a percentage of total non-performing
loans outstanding
As a percentage of total restructured loans $\quad 89.22 \% \quad 93.20 \% \quad 96.98 \%$ 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.

The Company's loan loss allowance decreased $\$ 47$ million from May 31, 2007 to May 31, 2008. Within National Rural's loan loss allowance at May 31, 2008 as compared to the prior year end, there was a decrease in the calculated impairments of $\$ 66$ million, which was offset by an increase of $\$ 23$ million to the unallocated reserve. The decrease to the calculated impairments was primarily due to a settlement agreement with VarTec resulting in a loan write-off of $\$ 17$ million, payments received on impaired loans and lower variable interest rates at May 31, 2008 as compared to May 31, 2007. The increase of $\$ 23$ million to the unallocated reserve was primarily due to a change in the single obligor component. During the third quarter of fiscal year 2008, the Company lowered the single obligor threshold from $1.5 \%$ to $1.0 \%$ of total outstanding credit. This lower threshold level effectively aligns the single obligor component with the top ten credit exposures.

Liabilities, Minority Interest and Equity
Outstanding Debt
The following chart provides a breakout of debt outstanding at May 31:

| (Dollar amounts in thousands) | 2008 | 2007 | Increase/ <br> (Decrease) |
| :---: | :---: | :---: | :---: |
| Short-term debt: |  |  |  |
| Commercial paper (1) | \$ 3,050,264 | \$ 2,784,619 | \$ 265,645 |
| Bank bid notes | 100,000 | 100,000 | - |
| Long-term debt with remaining maturities less than one year | 3,177,189 | 1,367,504 | 1,809,685 |
| Subordinated deferrable debt with remaining maturities less than one year | - | 175,000 | $(175,000)$ |
| Total short-term debt | 6,327,453 | 4,427,123 | 1,900,330 |
| Long-term debt: |  |  |  |
| Collateral trust bonds | 2,886,580 | 4,017,357 | $(1,130,777)$ |
| Notes payable | 2,956,403 | 2,532,630 | 423,773 |
| Medium-term notes | 4,330,604 | 4,745,232 | $(414,628)$ |
| Total long-term debt | 10,173,587 | 11,295,219 | $(1,121,632)$ |
| Subordinated deferrable debt | 311,440 | 311,440 |  |
| Members' subordinated certificates: |  |  |  |
| Membership certificates | 649,465 | 649,424 | 41 |
| Loan certificates | 654,047 | 624,888 | 29,159 |
| Guarantee certificates | 103,267 | 107,135 | $(3,868)$ |
| Total members' subordinated certificates | 1,406,779 | 1,381,447 | 25,332 |
| Total debt outstanding | \$ 18,219,259 | \$17,415,229 | \$ 804,030 |
| Percentage of fixed rate debt (2) | 82\% | 83\% |  |
| Percentage of variable rate debt (3) | 18\% | 17\% |  |
| Percentage of long-term debt | 65\% | 75\% |  |
| Percentage of short-term debt | 35\% | 25\% |  |

(1) Includes $\$ 251$ million and $\$ 250$ million related to the daily liquidity fund at May 31, 2008 and 2007, 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.

The following chart provides additional information on the debt instruments offered by the Company:

| Debt Instrument | Maturity Range | Rate Options | Market |
| :--- | :--- | :--- | :--- |
| Daily liquidity |  | Rate may <br> change daily | Members |
| fund | Demand note | chank institutions |  |
| Bank bid notes | Up to 3 months | Fixed rate | Bank |
| Commercial | 1 to 270 days | Fixed rate | Public capital <br> paper |
|  |  |  | markets and |

## Credit Rating

Debt Instrument Maturity Range Rate Options
Market Security
(1) Daily liquidity fund Demand note change daily
Bank bid notes Up to 3 months Fixed rate Bank institutions Public capital markets and

Unsecured NA
Unsecured NA
Unsecured P-1, A-1, F-1

| Collateral trust bonds | Range from 2 years to 30 years Range from 9 | Fixed or <br> Variable rate | members |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Public capital markets | Secured ( | A1, $\mathrm{A}+$, $\mathrm{A}+$ |
| Medium-term |  | Fixed or | Public capital markets and |  |  |
|  | Range from 2 | Fixed or |  |  |  |
| Notes payable | years to 30 years | Variable rate | Private placement | Varies (3) | Varies (3) |
| deferrable debt <br> (4) | 39 yrs | Fixed or Variable rate | Public capital markets | Unsecured (5) | A3, BBB+, A- |
| Subordinated | Up to 100 years |  |  | Unsecured |  |

(1) Based on rates defined by Moody's Investors Service, Standard \& Poor's Corporation and Fitch Ratings, respectively.
(2) Secured by the pledge of permitted investments and eligible mortgage notes from distribution system borrowers, in an amount at least equal to the outstanding principal amount of collateral trust bonds.
(3) At May 31, 2008, primarily represents secured notes payable to Federal Agricultural Mortgage Corporation ("Farmer Mac") which are rated A1, A+, A+ by Moody's Investors Service, Standard \& Poor's Corporation and Fitch Ratings, respectively, and unsecured notes payable issued under the REDLG program which do not have a credit rating. As a requirement, however, National Rural must obtain a rating for REDLG notes payable without regard to the bond guarantee agreement with RUS. See further discussion of National Rural's private debt issuances under "Sources of Liquidity."
(4) The Company has the right at any time and from time to time during the term of the subordinated deferrable debt to suspend interest payments for a period not exceeding 20 consecutive quarters. The Company has the right to call the subordinated deferrable debt any time after five years, at par. To date, the Company has not exercised its option to suspend interest payments.
(5) Subordinate and junior in right of payment to senior debt and the debt obligations guaranteed by the Company, but senior to subordinated certificates.
(6) Membership subordinated certificates generally mature in 100 years from issuance. Loan and guarantee subordinated certificates have the same maturity as the related long-term loan. Some certificates may also amortize annually based on the outstanding loan balance.
(7) Subordinate and junior in right of payment to senior and subordinated debt and debt obligations guaranteed by the Company.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Other information with regard to short-term debt at May 31 is as follows:

| (Dollar amounts in thousands) | 2008 | 2007 | 2006 |
| :--- | ---: | ---: | ---: |
| Weighted average maturity outstanding at year-end: |  |  |  |
| Short-term debt (1) | 26 days | 25 days | 26 days |
| Long-term debt maturing within one year | 116 days | 192 days | 203 days |
| Total | 71 days | 83 days | 92 days |

Average amount outstanding during the year:

| Short-term debt (1) | $\$ 2,892,202$ | $\$ 3,372,639$ | $\$ 3,204,852$ |
| :--- | ---: | ---: | ---: |
| Long-term debt maturing within one year | $2,961,714$ | $1,692,083$ | $3,502,026$ |
| Total | $5,853,916$ | $5,064,722$ | $6,706,878$ |

Maximum amount outstanding at any month-end during the year:

| Short-term debt (1) | $3,259,556$ | $3,847,814$ | $4,208,796$ |
| :--- | :--- | :--- | :--- |
| Long-term debt maturing within | $3,981,567$ | $2,549,356$ | $4,031,102$ | one year

(1) Includes the daily liquidity fund and bank bid notes and does not include long-term debt due in less than one year.

Total debt outstanding at May 31, 2008 increased as compared to May 31, 2007 due primarily to the increase of $\$ 899$ million to loans outstanding. During fiscal year 2008, $\$ 1,595$ million of extendible collateral trust bonds and $\$ 250$ million of extendible medium-term notes were reclassified from long-term debt to short-term debt because investors elected not to extend the maturity of the debt. An additional $\$ 500$ million was borrowed under FFB loan facilities with bond guarantee agreements with RUS as part of the funding mechanism for the REDLG program in August 2007. In January 2008, the Company issued $\$ 700$ million of $5.45 \%$ collateral trust bonds due February 2018. In March 2008, the Company sold to Farmer Mac $\$ 400$ million of floating rate debt due in 2013. Subsequent to the end of the fiscal year in June 2008, the Company issued $\$ 900$ million of $5.50 \%$ collateral trust bonds due 2013 and $\$ 400$ million of floating rate collateral trust bonds due 2010.

During fiscal year 2008, the Company redeemed the $7.40 \%$ subordinated deferrable debt securities due 2050 totaling $\$ 175$ million reported in short-term debt at May 31, 2007. The Company redeemed these securities at par and recorded a charge of $\$ 6$ million in interest expense for the unamortized issuance costs in the first quarter of fiscal year 2008.

At May 31, 2008 and 2007, there was no foreign denominated debt outstanding.
The increase to members' subordinated certificates of $\$ 25$ million for the year ended May 31, 2008 is primarily due to $\$ 78$ million of new loan certificates related to the increase in loans outstanding offset by loan prepayments, normal amortization and maturities.

Minority Interest
At May 31, 2008 and 2007, the Company reported minority interests of $\$ 14$ million and $\$ 22$ million, respectively, on the consolidated balance sheets. Minority interest represented $100 \%$ of RTFC and NCSC equity as the members of RTFC and NCSC own or control $100 \%$ of the interest in their respective companies.

During the year ended May 31, 2008, the balance of minority interest decreased by $\$ 6$ million of minority interest net loss for the year ended May 31, 2008 and the retirement of $\$ 2$ million of patronage capital to RTFC members in January 2008.

Equity

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The following chart provides a breakout of the equity balances at May 31:

| (in thousands) | 2008 | 2007 | Increase/ (Decrease) |
| :---: | :---: | :---: | :---: |
| Membership fees | \$ 993 | \$ 997 | \$ (4) |
| Education fund | 1,484 | 1,406 | 78 |
| Members' capital reserve | 187,409 | 158,308 | 29,101 |
| Allocated net income | 423,249 | 405,598 | 17,651 |
| Unallocated net income (1) | (53) | (23) | (30) |
| Total members' equity | 613,082 | 566,286 | 46,796 |
| Prior years cumulative derivative forward |  |  |  |
| value and foreign currency |  |  | ) |
| adjustments | 131,551 | 225,849 | (94,298 |
| Current period derivative forward value (2) | $(87,495)$ | $(79,744)$ | $(7,751)$ |
| Current period foreign currency adjustments | - | $(14,554)$ | 14,554 |
| Total retained equity | 657,138 | 697,837 | $(40,699)$ |
| Accumulated other comprehensive income | 8,827 | 12,204 | $(3,377)$ |
| Total equity | \$665,965 | \$710,041 | \$ $(44,076)$ |

(1) Excludes derivative forward value and foreign currency adjustments.
(2) Represents the derivative forward value loss recorded by National Rural for the period.

Applicants are required to pay a one-time fee to become a member. 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. 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. National Rural calculates net earnings by adjusting net income to exclude certain non-cash adjustments. 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 52. National Rural allocates a small portion, less than $1 \%$, of net earnings annually to the education fund as required by cooperative law. 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 in the year that the net earnings were earned. 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 annually retires 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 May 31, 2008, total equity decreased by $\$ 44$ million from May 31, 2007. During the year ended May 31, 2008, National Rural retired $\$ 86$ million of patronage capital to its members and accumulated other comprehensive income related to derivatives decreased $\$ 3$ million which was offset by net income of $\$ 46$ million.

## Contractual Obligations

The following table summarizes the long-term contractual obligations at May 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 | \$3,177 | \$ | \$ | \$ | \$ | \$ | \$ 3,177 |
| Long-term debt |  | 1,859 | 553 | 1,554 | 441 | 5,767 | 10,174 |
| Subordinated deferrable debt |  | - | - |  |  | 311 | 311 |
| Members' subordinated certificates (1) | 8 | 37 | 26 | 14 | 14 | 1,055 | 1,154 |
| Operating leases (2) | 3 | 2 | - | - | - | - | 5 |
| Contractual interest on long-term debt (3) | 641 | 527 | 482 | 446 | 359 | 4,265 | 6,720 |
| Total contractual obligations | $\begin{aligned} & \$ \\ & 3,829 \end{aligned}$ | ${ }_{2,425}$ | $\begin{aligned} & \$ 1,061 \end{aligned}$ | ${ }_{2,014}$ | \$ $814$ | $\$_{11,398}$ | $\$_{21,541}$ |

(1) Excludes loan subordinated certificates totaling $\$ 253$ million that amortize annually based on the outstanding balance of the related loan. There are many items that impact the amortization of a loan, such as loan conversions, loan repricing at the end of an interest rate term and prepayments, thus 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 $12 \%$ of amortizing loan subordinated certificates outstanding.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

(2) Represents the payment obligation related to the Company's lease of office space for its headquarters facility. In September 2007, the Company exercised the option to extend the lease for an additional one-year period. Assuming the Company exercises the option to extend the lease for an additional one-year period in fiscal year 2009, the future minimum lease payments for fiscal years 2010 and 2011 would increase to $\$ 4$ million and $\$ 2$ million, respectively. (3) Represents the interest obligation on the Company's debt based on terms and conditions at May 31, 2008.

Off-Balance Sheet Obligations
Guarantees
The following chart provides a breakout of guarantees outstanding by type and by segment at May 31:

| (in thousands) |  | 2008 |  | 2007 | Increase/ (Decrease) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total by type: |  |  |  |  |  |  |
| Long-term tax-exempt bonds | \$ | 498,495 | \$ | 526,185 | \$ | $(27,690)$ |
| Indemnifications of tax benefit transfers |  | 94,821 |  | 107,741 |  | $(12,920)$ |
| Letters of credit |  | 343,424 |  | 365,766 |  | $(22,342)$ |
| Other guarantees |  | 100,400 |  | 74,682 |  | 25,718 |
| Total |  | ,037,140 |  | 1,074,374 | \$ | $(37,234)$ |
| Total by segment: |  |  |  |  |  |  |
| National Rural | \$ | 993,699 |  | 1,033,688 | \$ | $(39,989)$ |
| RTFC |  | 260 |  | - |  | 260 |
| NCSC |  | 43,181 |  | 40,686 |  | 2,495 |
| Total |  | ,037,140 |  | 1,074,374 |  | $(37,234)$ |

The decrease in total guarantees outstanding at May 31, 2008 compared to May 31, 2007 is primarily due to the normal amortization on long-term tax-exempt bonds and tax benefit transfers and a reduction in the amount of letters of credit offset by a $\$ 26$ million increase to other guarantees outstanding.

At May 31, 2008 and 2007, the Company had recorded a guarantee liability totaling $\$ 15$ million and $\$ 19$ 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 May 31, 2008 and the related principal amortization and maturities by fiscal year.

| (in thousands) | Principal Amortization and Maturities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Outstanding |  |  |  |  |  |  |
| Balance | 2008 | 2009 | 2010 | 2011 | 2012 | Remaining |  |
|  | $\$ 1,037,140$ | $\$ 169,084$ | $\$ 191,214$ | $\$ 159,027$ | $\$ 54,318$ | $\$ 107,278$ | $\$ 356,219$ |
| Guarantees <br> $(1)$ |  |  |  |  |  |  |  |

(1) On a total of $\$ 330$ 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.

## Contingent Off-Balance Sheet Obligations

Unadvanced Loan Commitments
At May 31, 2008, the Company had unadvanced loan commitments totaling \$13,574 million, an increase of \$670 million compared to the balance of $\$ 12,904$ million at May 31, 2007. 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 contain material adverse change clauses, thus 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 that time. The Company offers lines of credit loans that may or may not contain a material adverse change clause. The majority of the short-term unadvanced commitments provide backup liquidity to the Company's borrowers; therefore, it does not anticipate funding most of these commitments. Approximately $56 \%$ of the outstanding commitments at May 31, 2008 and 2007 were for short-term or line of credit loans. Based on the information above, unadvanced loan commitments do not represent off-balance sheet liabilities and have not been included in the chart summarizing off-balance sheet obligations above. Therefore, unadvanced commitments are classified as contingent liabilities.

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 May 31, 2008 was 29.64 , an increase from 26.64 at May 31, 2007. The increase in the leverage ratio is due to an increase of $\$ 856$ million in total liabililities and a decrease of $\$ 44$ million in total equity offset by a decrease of $\$ 37$ million in guarantees as discussed under the Liabilities, Minority Interest and Equity section and the Off-Balance Sheet Obligations section of "Financial Condition".

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 arrive at adjusted equity. At May 31, 2008 and 2007, the adjusted leverage ratio was 7.50 and 6.81 , 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 $\$ 912$ million and a decrease of $\$ 111$ million in adjusted equity offset by a decrease in guarantees of $\$ 37$ 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 May 31, 2008 was 28.08 , an increase from 25.13 at May 31, 2007. The increase in the debt to equity ratio is due to the decrease of $\$ 44$ million in total equity and an increase of $\$ 856$ 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 arrive at
adjusted equity. At May 31, 2008 and 2007, the adjusted debt to equity ratio was 7.06 and 6.37 , 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 $\$ 111$ million in adjusted equity and an increase of $\$ 912$ 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 May 31, 2008.

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

| Direct: |  |  |  |
| :--- | :--- | :--- | :--- |
| Senior secured debt | A1 | A+ | A+ |
| 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 May 31, 2008, 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.

## 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
At May 31, 2008, the Company had effective registration statements for the issuance of $\$ 2,788$ million of medium-term notes and $\$ 165$ million of subordinated deferrable debt. 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. 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 May 31, 2008, the Company has 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 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.

Subsequent to fiscal year 2008, the Company issued $\$ 900$ million of $5.50 \%$ collateral trust bonds due 2013 and $\$ 400$ million of floating rate collateral trust bonds due 2010 in June 2008.

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 $4.656 \%$ 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. Both 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 May 31, 2008, the Company was also authorized to borrow up to $\$ 2.5$ billion under FFB loan facilities with bond guarantee

43
agreements with RUS as part of the funding mechanism for the REDLG program, of which $\$ 2.5$ billion was outstanding. National Rural is required to place on deposit mortgage notes in an amount at least equal to the principal balance of the notes outstanding.

On December 26, 2007, the President of the United States signed the Appropriations Act for Fiscal Year 2008 which provides $\$ 500$ million in additional funding from the FFB with a guarantee of repayment by the RUS as part of the funding mechanism for REDLG. In May 2008, legislation was passed which removed a limitation based on the amount of loans the Company has issued on a concurrent basis with RUS. As a result, on May 28, 2008, National Rural submitted an application to borrow an additional $\$ 500$ million available under FFB loan facilities.

## Member Loan Repayments

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. Amortization of the Company's long-term loans in each of the five fiscal years following May 31, 2008 and thereafter are as follows:

| (in thousands) | Amortization |
| :--- | :---: |
| (1) |  |

(1) Represents scheduled amortization based on current rates without consideration for loans that reprice.

Member Loan Interest Payments
During the year ended May 31, 2008, interest income on the loan portfolio was $\$ 1,036$ million, representing an average yield of $5.63 \%$ as compared to $5.61 \%$ and $5.28 \%$ for the years ended May 31, 2007 and 2006, respectively. At May 31, 2008, 81\% of the total loans outstanding had a fixed rate of interest and $19 \%$ of loans outstanding had a variable rate of interest. At May 31, 2008, a total of 5\% 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 at May 31:

| (Dollar amounts in thousands) | 2008 | 2007 | Termination Date | Facility fee per annum (1) |
| :---: | :---: | :---: | :---: | :---: |
| 364-day agreement | \$ | \$ 1,125,000 | March 14, $2008$ | 0.05 of 1\% |
| Five-year agreement | 1,125,000 | 1,125,000 | March 16, $2012$ | 0.06 of 1\% |
| Five-year agreement | 1,025,000 | 1,025,000 | $\begin{array}{r} \text { March 22, } \\ 2011 \end{array}$ | 0.06 of 1\% |
| 364-day agreement (2) | 1,500,000 | - | $\begin{array}{r} \text { March 13, } \\ 2009 \end{array}$ | 0.05 of 1\% |
| Total | \$ 3,650,000 | \$ 3,275,000 |  |  |

(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 these agreements 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 $1 \%$ per annum.

Upfront fees of between 0.03 and 0.05 of $1 \%$ were paid to the banks based on their commitment level to the five-year agreements in place at May 31, 2008, totaling in aggregate $\$ 1$ million, which will be amortized on a straight-line basis over the life of the agreements. Upfront fees were paid to the banks for their commitment to the 364 -day facility in place at May 31, 2008, totaling $\$ 0.1$ million, 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 $50 \%$ of total commitments, a utilization fee must be paid on the outstanding balance. The utilization fees are 0.05 of $1 \%$ for all three agreements in place at May 31, 2008.

At May 31, 2008 and 2007, 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 and SFAS 52, Foreign Currency Translation. 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 52, senior debt also excludes RUS guaranteed loans, subordinated deferrable debt,

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

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 year ended May 31:

|  | Requirement | 2008 | Actual | 2007 |
| :--- | :---: | :---: | :---: | :---: |
| Minimum average adjusted TIER over the six most <br> recent fiscal quarters | 1.025 | 1.16 | 1.09 |  |
| Minimum adjusted TIER at fiscal year end (1) | 1.05 | 1.15 | 1.12 |  |
| Maximum ratio of senior debt <br> to total equity | 10.00 | 7.33 | 6.65 |  |

(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 National Rural must be in compliance with their other requirements, including financial ratios, in order to draw down on the facilities.

Member Investments
At May 31, 2008 and 2007, members funded $19.7 \%$ and $20.9 \%$, respectively, of total assets as follows:

|  | 2008 |  | 2007 |  | Increase/ |
| :--- | :---: | ---: | ---: | ---: | ---: |
| (Dollar amounts in thousands) | Amount | $\%$ of Total (1) | Amount | $\%$ | of Total (1) |
| (Decrease) |  |  |  |  |  |

(1) Represents the percentage of each line item outstanding to the Company's members.
(2) Includes $\$ 251$ million and $\$ 250$ million related to the daily liquidity fund at May 31, 2008 and 2007, 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.

## 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 May 31, 2008. At May 31, 2008, the Company had unadvanced loan commitments totaling \$13,574

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

million. The Company does not expect to advance the full amount of the unadvanced commitments at May 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 $56 \%$ of the outstanding commitments at May 31, 2008 were for short-term or line of credit loans. The Company anticipates that over the next twelve months, loan advances will be approximately equal to the scheduled loan repayments.

## Interest Expense on Debt

For the year ended May 31, 2008, interest expense on debt was $\$ 902$ million, representing $4.90 \%$ of the average loan volume for which the debt was used as funding. The interest expense on debt represented $5.28 \%$ and $5.18 \%$ of the average loan volume for which the debt was used as funding for the years ended May 31, 2007 and 2006, respectively. At May 31, 2008, a total of $82 \%$ of outstanding debt had a fixed interest rate and $18 \%$ of outstanding debt had a variable interest rate.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## 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 May 31, 2008 and thereafter is as follows:

| (Dollar amounts in | Amount <br> Maturing (1) <br> thousands) | Weighted <br> Average <br> Interest <br> Rate |
| :--- | ---: | ---: |
| 2009 | $\$ 3,185,351$ | $3.77 \%$ |
| 2010 | $1,895,923$ | $5.18 \%$ |
| 2011 | 578,508 | $4.46 \%$ |
| 2012 | $1,568,240$ | $7.13 \%$ |
| 2013 | 454,843 | $3.47 \%$ |
| Thereafter | $7,133,617$ | $5.55 \%$ |
| Total | $\$ 14,816,482$ | $5.18 \%$ |

(1) Excludes loan subordinated certificates totaling $\$ 253$ million that amortize annually based on the outstanding balance of the related loan. There are many items that impact 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 $12 \%$ of amortizing loan subordinated certificates outstanding.

## 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 is scheduled to make a cash payment of $\$ 85$ million to its members in September 2008 as retirement of $70 \%$ of the amount allocated for fiscal year 2008 and 1/9th of the amount allocated for fiscal years 1991, 1992 and 1993.

## Market Risk

The Company's primary market risks are interest rate risk and liquidity risk. The Company is also exposed to counterparty risk as a result of entering into interest rate exchange agreements.

## 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. To 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 chart on page 47). 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 May 31, 2008 and 2007, $19 \%$ and $18 \%$, respectively, of loans carried variable interest rates.

Matched Funding Policy

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

To monitor interest rate risk in the funding of fixed rate loans, the Company performs a monthly gap analysis (see chart on page 47). It is the Company's funding objective to manage the matched funding of asset and liability repricing terms within a range of $3 \%$ of total assets excluding derivative assets. At May 31, 2008, the Company had $\$ 15,203$ million of fixed rate assets amortizing or repricing, funded by $\$ 13,124$ million of fixed rate liabilities maturing during the next 30 years and $\$ 1,771$ million of members' equity and members' subordinated certificates, a portion of which does not have a scheduled maturity. The difference of $\$ 308$ million, or less than $2 \%$ 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 interest rate exchange agreements 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

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

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 chart shows the scheduled amortization and repricing of fixed rate assets and liabilities outstanding at May 31, 2008.

INTEREST RATE GAP ANALYSIS
(Fixed Rate Assets/Liabilities)
As of May 31, 2008

| (Dollar amounts in millions) <br> Assets: |  | June 1, 2009 to <br> May 31, 2011 | June 1, 2011 to <br> May 31, 2013 | June 1, 2013 to May 31, 2018 | June 1, 2018 to <br> May 31, 2028 | Beyond June 1, 2028 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amortization and repricing | \$2,044 | \$3,437 | \$2,784 | \$3,359 | \$2,622 | \$ 957 | \$15,203 |
| Total assets | \$2,044 | \$3,437 | \$2,784 | \$3,359 | \$2,622 | \$ 957 | \$15,203 |
| Liabilities and members' equity: |  |  |  |  |  |  |  |
| Long-term debt | \$1,766 | \$3,103 | \$3,455 | \$3,763 | \$ 782 | \$ 255 | \$13,124 |
| Subordinated certificates | 26 | 55 | 79 | 67 | 535 | 490 | 1,252 |
| Members' equity (1) | 15 | 25 | 31 | 127 | 109 | 212 | 519 |
| Total liabilities and members' equity | $\begin{aligned} & \$ 1,807 \end{aligned}$ | $\begin{aligned} & \$, 183 \end{aligned}$ | $\begin{aligned} & \$, 565 \end{aligned}$ | $\begin{aligned} & \$ 1 \\ & 3,957 \end{aligned}$ | $\begin{aligned} & \$ 1,426 \end{aligned}$ | $\text { \$ } 957$ | $\begin{aligned} & \$ 14,895 \end{aligned}$ |
| Gap (2) | \$ 237 | \$ 254 | \$ (781) | \$ (598) | \$1,196 | \$ | \$ 308 |
| Cumulative gap | \$ 237 | \$ 491 | \$ (290) | \$ (888) | \$ 308 | \$ 308 |  |
| Cumulative gap as a \% of total assets | 1.22\% | 2.53\% | (1.50)\% | (4.58)\% | 1.59\% | 1.59\% |  |
| Cumulative gap as a \% of adjusted total assets (3) | 1.24\% | 2.56\% | (1.51)\% | (4.63)\% | 1.61\% | 1.61\% |  |

(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 May 31, 2008 and 2007, the Company was a party to interest rate exchange agreements with a total notional amount of $\$ 12,916$ million and $\$ 12,533$ million, respectively. The Company uses interest rate exchange agreements as part of its overall interest rate matching strategy. Interest rate exchange agreements are used when they provide a

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

lower cost of funding or minimize interest rate risk. The Company will enter into interest rate exchange agreements only with highly rated financial institutions. National Rural used interest rate exchange agreements to synthetically change the interest rate from a variable rate to a fixed rate on $\$ 7,660$ million as of May 31,2008 and $\$ 7,277$ million as of May 31, 2007 of debt used to fund long-term fixed rate loans. Interest rate exchange agreements were used to synthetically change the interest rates from fixed to variable on $\$ 5,256$ million of long-term debt as of May 31,2008 and 2007. 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 May 31, 2008 and 2007, there were no foreign currency exchange agreements outstanding.

## Counterparty Risk

The Company is exposed to counterparty risk related to the performance of the parties with which it has entered into interest rate exchange agreements. To mitigate this risk, the Company only enters into these agreements with financial institutions with investment grade ratings. At May 31, 2008 and 2007, the Company was a party to interest rate exchange agreements with notional amounts totaling $\$ 12,916$ million and $\$ 12,533$ million, respectively. To date, the Company has not experienced a failure of a counterparty to perform as required under any of these agreements. 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 May 31, 2008, the Company's interest rate exchange agreement counterparties had credit ratings ranging from AAA to A- as assigned by Standard \& Poor's Corporation.

The Company currently uses two types of interest rate exchange agreements: (1) the Company pays a fixed rate and receives a variable rate and (2) the Company pays a variable rate and receives a fixed rate. The following chart provides a breakout of the interest rate exchange agreements at May 31, 2008 by type of agreement.

|  |  | Weighted <br> Average | Weighted <br> Average |
| :--- | :---: | :---: | :---: |
| (Dollar amounts in thousands) | Notional Amount | Rate Paid |  |
| Rate Received |  |  |  |

## Foreign Currency Risk

The Company may issue commercial paper, medium-term notes or bonds denominated in foreign currencies. At May 31, 2008 and 2007, there was no foreign denominated debt outstanding. When the Company issues foreign denominated debt, it typically mitigates foreign currency risk by entering into an exchange agreement to lock in the exchange rate for all interest and principal payments through maturity.

## Rating Triggers

The Company has certain interest rate exchange agreements 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 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 May 31, 2008, the Company had the following notional amount and fair values associated with exchange agreements 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 Baal or from Standard \& Poor's Corporation falls below BBB+. In calculating the required payments and collections required upon termination, the Company netted the agreements for each counterparty, as allowed by the underlying master agreement.

| (in thousands) | Notional <br> Amount | Required Company Payment |  | Amount <br> Company Would Collect |  | Net <br> Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rating Level: |  |  |  |  |  |  |  |
| Fall to Baal/BBB+ | \$ 1,851,658 | \$ | (637) | \$ | 38,492 | \$ | 37,855 |
| Fall below Baa1/BBB+ | 7,028,358 |  | $(31,472)$ |  | 30,584 |  | (888) |
| Total | \$ 8,880,016 | \$ | $(32,109)$ | \$ | 69,076 | \$ | 36,967 |

See chart on page 43 for National Rural's senior unsecured credit ratings as of May 31, 2008.
In addition to the rating triggers listed above, at May 31, 2008, the Company had $\$ 717$ million of notional amount of exchange agreements, with one counterparty, that would require the pledging of collateral in an amount equal to the

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

fair value of the exchange agreements if the Company's senior secured ratings from Moody's Investors Service fall below Baa2 or from Standard \& Poor's Corporation fall below BBB. At May 31, 2008, the net obligation totaled $\$ 9$ million for the $\$ 717$ million notional amount of exchange agreements subject to this rating trigger.

## 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. At May 31, 2008, the Company has a total of \$3,177 million of long-term debt maturing during the next twelve months. 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. 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. At May 31, 2008 and 2007, the Company had a total of $\$ 3,650$ million and $\$ 3,275$ million, respectively, in revolving credit agreements and bank lines of credit. 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 notes used to $15 \%$ or less of total debt outstanding. At May 31, 2008 and 2007, there was a total of $\$ 1,612$ million and $\$ 1,118$ million, respectively, of dealer commercial paper and bank bid notes outstanding, representing $9 \%$ and $6 \%$, respectively, of the Company's total debt outstanding.

National Rural continues to see significant investment support from its members with $\$ 3.2$ billion of commercial paper, daily liquidity fund, medium-term notes and subordinated certificate investments outstanding at May 31, 2008. The member debt investments represented $18 \%$ of the total debt outstanding at May 31, 2008. In addition, National Rural had a total of $\$ 3.5$ billion of privately placed debt outstanding at May 31, 2008, $\$ 2.5$ billion of which was guaranteed by the U.S. Government under the REDLG program. The private placements of debt represented $19 \%$ of total debt outstanding at May 31, 2008. National Rural did not experience any difficulty issuing its commercial paper in the capital markets during fiscal year 2008, although there was a slight widening of the spread demanded by investors at certain times during the year. NCSC did experience some issues with the issuance of its commercial paper, which carries a guarantee from National Rural. Due to the significant increase in spread demanded by investors, NCSC was limited to issuing very short maturities for a period of time during the year ended May 31, 2008. The slightly higher spread paid on dealer commercial paper did not have a significant impact on National Rural's funding cost, as dealer commercial paper represented $8 \%$ of total debt at May 31, 2008. At the time of this filing, neither National Rural or NCSC are experiencing any difficulties issuing commercial paper and current spreads are consistent with National Rural's historic trading levels.

At May 31, 2008, the Company was the guarantor and liquidity provider for $\$ 330$ million of tax-exempt bonds issued for its member cooperatives. A total of $\$ 133$ million of such tax-exempt bonds were in flexible and weekly mode, which reprice every seven to thirty-five days. A total of $\$ 120$ million of such tax-exempt bonds reprice semi-annually. A total of $\$ 77$ million of such bonds were in unit price mode and reprice approximately every 30 days. National Rural has not been required to purchase any of the bonds in its role as liquidity provider. 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. National Rural has not been required to perform under the guarantee of its members' tax-exempt bonds.

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

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Financial Instruments and Derivatives
All financial instruments to which the Company was a party at May 31, 2008 were entered into or contracted for purposes other than trading. The following table provides the significant balances and contract terms related to the financial instruments at May 31, 2008.
(Dollar amounts in

| millions) | Outstanding |  |  |  |  | Remaining |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Instrument | Balance | Fair <br> Value | 2009 | 2010 | 2011 | 2012 | 2013 | Years |
| Assets: |  |  |  |  |  |  |  |  |
| Long-term | 15,141 |  |  |  | 718 | 1,046 | 718 | 11,022 |
| fixed rate |  |  |  |  |  |  |  |  |
| loans (1) |  | 14,384 | 704 | 933 |  |  |  |  |
| Average | 6.17\% |  | 5.98 | 5.96\% | 6.03\% | 6.07 \% | 6.04 | 6.22\% |
| rate |  |  | \% |  |  |  | \% |  |
| variable rate |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Average | 5.15\% |  | - | - | - | - | - | - |
| rate (3) |  |  |  |  |  |  |  |  |
| Short-term | 1,664 | 1,664 | 1,664 | - | - | - | - | - |
| loans (4) |  |  |  |  |  |  |  |  |
| Average | 4.23\% |  | 4.23\% | - | - | - | - | - |
| rate (3) |  |  |  |  |  |  |  |  |
| RUS | 35 | 35 | 2 | 3 | 3 | 3 | 3 | 21 |

Guaranteed
FFB
Refinance
Average $\quad 2.46 \%$
rate (3)

| Non-performing | 507 | 281 | 8 | 499 |
| :--- | :--- | :--- | :--- | :--- |

loans (5)
Average
rate (5)

| Restructured <br> loans (5) | 577 | 377 | 12 | 12 | 12 | 13 | 13 | 515 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average | $0.60 \%$ |  | - | - | - | - | - | - |

rate (5)
Liabilities
and equity:
Short-term 6,327 6,334 6,327
debt (6)

| $\quad$ Average | $3.02 \%$ |  | $3.02 \%$ |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| rate |  |  |  |  |  |  |  |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

| Average rate | 6.52\% |  |  | 5.14\% | 4.64 \% | 7.16\% | $\begin{array}{r} 4.73 \\ \% \end{array}$ | 7.84\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Collateral trust bonds | 2,887 | 2,876 | - | 210 | 506 | 5 | 5 | 2,161 |
| Average rate | 5.29\% |  |  | 5.67 \% | 4.42 \% | 7.35 \% | $\begin{array}{r} 7.35 \\ \% \end{array}$ | 5.45\% |
| Long-term notes payable | 2,956 | 3,072 | - | 3 | 3 | 3 | 403 | 2,544 |
| Average rate | 4.83\% |  |  | 8.11\% | 8.11\% | 8.11\% | 3.32\% | 5.06\% |
| Subordinated deferrable debt | 311 | 292 | - | - | - | - | - | 311 |
| Average rate | 6.31\% |  | - | - | - | - | - | 6.31\% |
| Membership sub certificates (7) | 1,154 | N/A | 8 | 37 | 26 | 14 | 14 | 1,055 |
| Average rate | 4.35\% |  | 2.18 \% | 3.88 \% | 4.71 \% | 4.02 \% | ${ }^{3.71}$ | 4.39\% |

(1) The principal amount of fixed rate loans is the total of scheduled principal amortizations without consideration for loans that reprice. Includes $\$ 214$ million of loans guaranteed by RUS.
(2) Long-term variable rate loans include $\$ 1$ million of loans guaranteed by RUS.
(3) Variable rates are set the first day of each month.
(4) The principal amount of line of credit loans are generally required to be paid down for a period of five consecutive days each year. These loans do not have a principal amortization schedule.
(5) Amortization based on expected repayment schedule. Average rate represents current accrual rate. Interest accrual rate cannot be estimated for future periods.
(6) Short-term debt includes commercial paper, bank bid notes and long-term debt due in less than one year.
(7) Fair value has not been included as it is impracticable to develop a discount rate that measures fair value (see Note 14 to the consolidated financial statements). Excludes loan subordinated certificates totaling $\$ 253$ million that amortize annually based on the outstanding balance of the related loan, therefore there is no scheduled amortization. Over the past three years, annual amortization on these certificates has averaged $\$ 30$ million. In fiscal year 2008, amortization represented $12 \%$ of amortizing loan subordinated certificates outstanding.

The following table provides the notional amount, average rate paid, average rate received and maturity dates for the interest rate exchange agreements to which the Company was a party at May 31, 2008.
(Dollar amounts in Notional Amortization and Maturities
millions) Notional


There were no cross currency or cross currency interest rate exchange agreements to which the Company was a party at May 31, 2008 and 2007.

## 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 Company's primary performance measure is TIER. TIER is calculated by adding the interest expense to net income prior to the cumulative effect of change in accounting principle and dividing that total by the interest expense. The TIER is a measure of the Company's ability to cover interest expense requirements on its debt. The Company adjusts the TIER calculation to add the derivative cash settlements to the interest expense, to add minority interest net income back to total net income and to remove the derivative forward value and foreign currency adjustments from total net income. Adding the cash settlements back to the interest expense also has a corresponding effect on the Company's adjusted net interest income and adjusted income prior to income taxes and minority interest. The Company makes these adjustments to its TIER calculation for the purpose of covenant compliance on its revolving credit agreements. The revolving credit agreements require the Company to achieve an average adjusted TIER ratio over the six most recent fiscal quarters of at least 1.025 and prohibit the retirement of patronage capital unless the Company has achieved an adjusted TIER ratio of at least 1.05 for the preceding fiscal year.

The Company uses derivatives to manage interest rate and foreign currency exchange risk on its funding of the loan portfolio. The derivative cash settlements represent the amount that the Company receives from or pays to its counterparties based on the interest rate indexes in its derivatives that do not qualify for hedge accounting. The Company adjusts the reported cost of funding to include the derivative cash settlements. The Company uses the adjusted cost of funding to set interest rates on loans to its members and believes that the interest expense adjusted to include derivative cash settlements represents its total cost of funding for the period. For the purpose of computing compliance with its revolving credit agreement covenants, the Company is required to adjust its interest expense to include the derivative cash settlements. TIER calculated by adding the derivative cash settlements to the interest expense reflects management's perspective on its operations and thus, the Company believes that it represents a useful financial measure for investors.

The derivative forward value and foreign currency adjustments do not represent cash inflows or outflows to the Company during the current period. The derivative forward value represents a present value estimate of the future cash inflows or outflows that will be recognized as net cash settlements for all periods through the maturity of its derivatives that do not qualify for hedge accounting. Foreign currency adjustments represent the change in value of foreign denominated debt resulting from the change in foreign currency exchange rates during the current period. The derivative forward value and foreign currency adjustments do not represent cash inflows or outflows that affect the Company's current ability to cover its debt service obligations. The forward value calculation is based on future interest rate expectations that may change daily creating volatility in the estimated forward value. The change in foreign currency exchange rates adjusts the debt balance to the amount that would be due at the reporting date. At the issuance date, the Company enters into a foreign currency exchange agreement for all foreign denominated debt that effectively fixes the exchange rate for all interest and principal payments. For the purpose of making operating decisions, the Company subtracts the derivative forward value and foreign currency adjustments from its net income when calculating TIER and for other net income presentation purposes. The covenants in the Company's revolving credit agreements also exclude the effects of derivative forward value and foreign currency adjustments. In addition, since the derivative forward value and foreign currency adjustments do not represent current period cash flows, the

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Company does not allocate such funds to its members and thus excludes the derivative forward value and foreign currency adjustments from net income when making certain presentations to its members and in calculating the amount of net income to be allocated to its members. TIER calculated by excluding the derivative forward value and foreign currency adjustments from net income reflects management's perspective on its operations and thus, the Company believes that it represents a useful financial measure for investors.

The implementation of SFAS 133 and foreign currency adjustments have also impacted the Company's total equity. The derivative forward value and foreign currency adjustments flow through the consolidated statements of operations as income or expense, increasing or decreasing the total net income for the period. The total net income or net loss for the period represents an increase or decrease, respectively, to total equity. As a result of implementing SFAS 133, the Company's total equity includes other comprehensive income, which represents unrecognized gains and losses on derivatives. The other comprehensive income component of equity related to derivatives that qualify for hedge accounting does not flow through the consolidated statements of operations. As stated above, the derivative forward value and foreign currency adjustments do not represent current cash inflow or outflow. The other comprehensive income is also an estimate of future gains and losses and

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

as such does not represent earnings that the Company can use to fund its loan portfolio. Financial measures calculated with members' equity, which is total equity excluding the impact of SFAS 133 and foreign currency adjustments, reflect management's perspective on its operations and thus, the Company believes that they represent a useful measure of its financial condition.

The following chart 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 years ended May 31, 2008, 2007, 2006, 2005 and 2004.

|  | For the year ended May 31, |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2008 |  | 2007 | 2006 | 2005 | 2004 |  |
| (in thousands) |  |  |  |  |  |  |  |
| Interest expense | \$ | $(936,889)$ | \$ 996,730 ) | \$ $(975,936)$ | \$ $(942,033)$ | \$ | $(941,491)$ |
| Adjusted to include: |  |  |  |  |  |  |  |
| Derivative cash settlements |  | 27,033 | 86,442 | 80,883 | 78,287 |  | 123,363 |
| Adjusted interest expense | \$ | $(909,856)$ | \$ $(910,288)$ | \$ $(895,053)$ | \$ $(863,746)$ | \$ | $(818,128)$ |
|  |  |  |  |  |  |  |  |
| Net interest income | \$ | 132,651 | \$ 57,494 | \$ 31,976 | \$ 88,820 | \$ | 68,365 |
| Adjusted to include: |  |  |  |  |  |  |  |
| Derivative cash settlements |  | 27,033 | 86,442 | 80,883 | 78,287 |  | 123,363 |
| Adjusted net interest income | \$ | 159,684 | \$ $143,936$ | \$ 112,859 | \$ 167,107 | \$ | 191,728 |


| Income (loss) prior to <br> income taxes and minority <br> interest | $\$$ | 36,311 | $\$$ | 16,541 | $\$$ | 105,762 | $\$$ | 126,561 | $\$$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Adjusted to exclude: <br> Derivative forward value | 98,743 |  | 79,281 |  | $(28,805)$ |  | $(25,849)$ |  | 228,840 |
| Foreign currency <br> adjustments | - | 14,554 |  | 22,594 |  | 22,893 |  | 65,310 |  |
| Adjusted income prior to <br> income taxes and <br> minority interest |  |  |  |  |  |  |  |  |  |


| Net income (loss) prior to cumulative effect of change in accounting principle | \$ | 45,745 | \$ | 11,701 | \$ | 95,497 | \$ | 122,503 | \$ | $(200,098)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Adjusted to include: |  |  |  |  |  |  |  |  |  |  |
| Minority interest net income |  | $(6,099)$ |  | 2,444 |  | 7,089 |  | 2,540 |  | 1,989 |
| Adjusted to exclude: |  |  |  |  |  |  |  |  |  |  |
| Derivative forward value |  | 98,743 |  | 79,281 |  | $(28,805)$ |  | $(25,849)$ |  | 228,840 |
| Foreign currency adjustments |  | - |  | 14,554 |  | 22,594 |  | 22,893 |  | 65,310 |
| Adjusted net income | \$ | 138,389 |  | 107,980 | \$ | 96,375 | \$ | 122,087 | \$ | 96,041 |

TIER using GAAP financial measures is calculated as follows:

$$
\begin{array}{ll}
\text { TIER }=\quad \begin{array}{l}
\text { Interest expense }+ \text { net income prior to cumulative } \\
\text { effect of change in accounting principle } \\
\text { Interest expense }
\end{array}
\end{array}
$$

Adjusted TIER is calculated as follows:

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

The following chart provides the TIER and adjusted TIER for the years ended May 31, 2008, 2007, 2006, 2005 and 2004.

|  | For the year ended May 31, |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | :---: |
|  | 2008 | 2007 | 2006 | 2005 | 2004 (1) |
| TIER (1) | 1.05 | 1.01 | 1.10 | 1.13 | - |
| Adjusted TIER | 1.15 | 1.12 | 1.11 | 1.14 | 1.12 |

(1) For the year ended May 31, 2004, the Company reported a net loss prior to the cumulative effect of change in accounting principle of $\$ 200$ million, thus the TIER calculation results in a value below 1.00.

Adjustments to the Calculation of Leverage and Debt to Equity
The Company calculates the leverage ratio by adding total liabilities to total guarantees and dividing by total equity. The Company calculates the debt to equity ratio by dividing total liabilities by total equity. The Company adjusts these ratios to (i) subtract debt used to fund loans that are guaranteed by RUS from total debt, (ii) subtract from total debt, and add to total equity, debt with equity characteristics issued to its members and in the capital markets, (iii) include minority interest as equity and (iv) to exclude the impact of non-cash SFAS 133 and foreign currency adjustments from its total liabilities and total equity. For the purpose of computing compliance with its revolving credit agreement covenants, the Company is required to make these adjustments to its leverage ratio calculation. The revolving credit agreements prohibit the Company from incurring senior debt in an amount in excess of ten times the sum of equity, members' subordinated certificates, minority interest and subordinated deferrable debt, as defined by the agreements. The Company makes these same adjustments to its debt to equity ratio as the only difference between the leverage ratio and the debt to equity ratio is the addition of guarantees to liabilities in the leverage ratio. In addition to the adjustments the Company makes to calculate the adjusted leverage ratio, guarantees to the Company 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.

The Company is an eligible lender under the RUS loan guarantee program. Loans issued under this program carry the U.S. Government's guarantee of all interest and principal payments. Thus, the Company has little or no risk associated with the collection of principal and interest payments on these loans. Therefore, the Company believes that there is little or no risk related to the repayment of the liabilities used to fund RUS guaranteed loans and subtracts such liabilities from total liabilities for the purpose of calculating its leverage and debt to equity ratios. For the purpose of computing compliance with its revolving credit agreement covenants, the Company is required to adjust its leverage ratio by subtracting liabilities used to fund RUS guaranteed loans from total liabilities. The leverage and debt to equity ratios adjusted to subtract debt used to fund RUS guaranteed loans from total liabilities reflect management's perspective on its operations and thus, the Company believes that these are useful financial measures for investors.

The Company requires that its members purchase subordinated certificates as a condition of membership and as a condition to obtaining a loan or guarantee. The subordinated certificates are accounted for as debt under GAAP. The subordinated certificates have long-dated maturities and pay no interest or pay interest that is below market and under certain conditions the Company is prohibited from making interest payments to members on the subordinated certificates. For the purpose of computing compliance with its revolving credit agreement covenants, the Company is required to adjust its leverage ratio by subtracting members' subordinated certificates from total liabilities and adding members' subordinated certificates to total equity. The leverage and debt to equity ratios adjusted to treat members' subordinated certificates as equity rather than debt reflect management's perspective on its operations and thus, the Company believes that these are useful financial measures for investors.

The Company also sells subordinated deferrable debt in the capital markets with maturities of up to 39 years and the option to defer interest payments. The characteristics of subordination, deferrable interest and long-dated maturity are all equity characteristics. For the purpose of computing compliance with its revolving credit agreement covenants, the Company is required to adjust its leverage ratio by subtracting subordinated deferrable debt from total liabilities and adding it to total equity. The leverage and debt to equity ratios adjusted to treat subordinated deferrable debt as equity rather than debt reflect management's perspective on its operations and thus, the Company believes that these are useful financial measures for investors.

As a result of implementing SFAS 133, the Company's consolidated balance sheets include the fair value of its derivative instruments. As noted above, the amounts recorded are estimates of the future gains and losses that the Company may incur related to its derivatives. The amounts do not represent current cash flows and are not available to fund current operations. For the purpose of computing compliance with its revolving credit agreement covenants,

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

the Company is required to adjust its leverage ratio by excluding the impact of implementing SFAS 133 from liabilities and equity. The leverage and debt to equity ratios adjusted to exclude the impact of SFAS 133 from liabilities and equity reflect management's perspective on its operations and thus, the Company believes that these are useful financial measures for investors.

As a result of issuing foreign denominated debt and the implementation of SFAS 133 which discontinued the practice of recording the foreign denominated debt and the related currency exchange agreement as one transaction, the Company must adjust the value of such debt reported on the consolidated balance sheets for changes in foreign currency exchange rates since the date of issuance in accordance with SFAS 52. At the time of issuance of all foreign denominated debt, the Company enters into a foreign currency exchange agreement to fix the exchange rate on all principal and interest payments through maturity. The adjustments to the value of the debt on the consolidated balance sheets are reported on the consolidated statements of operations as foreign currency adjustments. The adjusted debt value at the reporting date does not represent the amount that the Company will ultimately pay to retire the debt unless the current exchange rate is equal to the exchange rate in
the related foreign currency exchange agreement or the counterparty fails to honor its obligations under the agreement. For the purpose of computing compliance with its revolving credit agreement covenants, the Company is required to adjust its leverage ratio by excluding the impact of foreign currency valuation adjustments from liabilities and equity. The leverage and debt to equity ratios adjusted to exclude the impact of SFAS 52 reflect management's perspective on its operations and thus, the Company believes that these are useful financial measures for investors.

FIN 46(R), Consolidation of Variable Interest Entities, an interpretation of Accounting Research Bulletin No. 51, requires the Company to consolidate the results of operations and financial condition of RTFC and NCSC even though the Company has no financial interest or voting control over either company. In consolidation, the amount of the subsidiary equity that is owned or due to investors other than the parent company is shown as minority interest. Prior to consolidation, the RTFC members' equity was combined with the Company's equity and therefore included in total equity. For the purpose of computing compliance with its revolving credit agreement covenants, the Company is required to adjust total equity to include minority interest. The leverage and debt to equity ratio adjusted to treat minority interest as equity reflect management's perspective on its operations and thus, the Company believes that these are useful financial measures for investors.

The following chart provides a reconciliation between the liabilities and equity used to calculate the leverage and debt to equity ratios and these financial measures reflecting the adjustments noted above, as of the five years ended May 31, 2008.

| (in thousands) |  | 2008 | 2007 | $\begin{gathered} \text { May } 31, \\ 2006 \end{gathered}$ |  | 2005 |  | 2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Liabilities | \$ | 18,699,169 | \$17,843,151 | \$18,373,319 | \$ | 19,276,728 | \$ | 20,741,825 |
| Less: |  |  |  |  |  |  |  |  |
| Derivative liabilities |  | $(171,390)$ | $(71,934)$ | $(85,198)$ |  | $(78,471)$ |  | $(129,915)$ |
| Foreign currency valuation account |  | - | - | $(244,955)$ |  | $(260,978)$ |  | $(233,990)$ |
| Debt used to fund loans guaranteed by RUS |  | $(250,169)$ | $(255,903)$ | $(261,330)$ |  | $(258,493)$ |  | $(263,392)$ |
| Subordinated deferrable debt (2) |  | $(311,440)$ | $\begin{gathered} (486,440 \end{gathered}$ | $(636,440)$ |  | $(685,000)$ |  | $(550,000)$ |
| Subordinated certificates |  | $(1,406,779)$ | $(1,381,447)$ | $(1,427,960)$ |  | $(1,490,750)$ |  | $(1,665,158)$ |
| Adjusted liabilities | \$ | 16,559,391 | \$15,647,427 | \$15,717,436 |  | \$16,503,036 | \$ | 17,899,370 |
| Total equity | \$ | 665,965 | \$ 710,041 | \$ 784,408 |  | \$ 764,934 | \$ | 692,453 |
| Less: |  |  |  |  |  |  |  |  |
| Prior year cumulative derivative forward value and |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { foreign currency } \\ & \text { adjustments } \end{aligned}$ |  | $(131,551)$ | $\begin{gathered} (225,849 \end{gathered}$ | $(225,730)$ |  | $\begin{gathered} \text { } \\ (221,868 \end{gathered}$ |  | $\left(520,083^{)}\right.$ |
| Current period derivative forward value |  |  |  | $(22,713)$ |  | ) |  |  |
| (1) |  | 87,495 | 79,744 |  |  | (26,755 |  | 232,905 |
| Current period foreign currency adjustments |  | - | 14,554 | 22,594 |  | 22,893 |  | 65,310 |
| Accumulated other comprehensive (income) |  | ) | ) | $(13,208)$ |  |  |  |  |
| loss |  | (8,827 | (12,204 |  |  | $(15,621)$ |  | 12,541 |

Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

| Subtotal members' equity |  | 613,082 |  | 566,286 |  | 545,351 |  | 523,583 |  | 483,126 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Plus: |  |  |  |  |  |  |  |  |  |  |
| Subordinated certificates |  | 1,406,779 |  | 1,381,447 |  | 1,427,960 |  | 1,490,750 |  | 1,665,158 |
| Subordinated deferrable debt (2) |  | 311,440 |  | 486,440 |  | 636,440 |  | 685,000 |  | 550,000 |
| Minority interest |  | 14,247 |  | 21,989 |  | 21,894 |  | 18,652 |  | 21,165 |
| Adjusted equity | \$ | 2,345,548 | \$ | 2,456,162 | \$ | 2,631,645 | \$ | 2,717,985 | \$ | 2,719,449 |
| Guarantees | \$ | 1,037,140 | \$ | 1,074,374 | \$ | 1,078,980 | \$ | 1,157,752 | \$ | 1,331,299 |

(1) Represents the derivative forward value loss (gain) recorded by National Rural for the period.
(2) At May 31, 2007 and 2006, includes $\$ 175$ million and $\$ 150$ million, respectively, of subordinated deferrable debt classified in short-term debt.

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 <br> Total equity |

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

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The following chart provides the calculated ratio for leverage and debt to equity, as well as the adjusted ratio calculations, as of the five years ended May 31, 2008. 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.

|  | May 31, |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | 2008 | 2007 | 2006 | 2005 | 2004 |
| Leverage ratio | 29.64 | 26.64 | 24.80 | 26.71 | 31.88 |
| Adjusted leverage ratio | 7.50 | 6.81 | 6.38 | 6.50 | 7.07 |
| Debt to equity ratio | 28.08 | 25.13 | 23.42 | 25.20 | 29.95 |
| Adjusted debt to equity ratio | 7.06 | 6.37 | 5.97 | 6.07 | 6.58 |

Item 7A.
Quantitative and Qualitative Disclosures About Market Risk.
See Market Risk discussion beginning on page 46.
Item 8.
Financial Statements and Supplementary Data.
The consolidated financial statements, auditors' reports and quarterly financial results are included on pages 80 through 120 (see Note 18 to consolidated financial statements for a summary of the quarterly results of the Company's operations).

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure.
None.
Item 9A(T).
Controls and Procedures.
Evaluation of Disclosure 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.

## Management's Report on Internal Control Over Financial Reporting

The management of National Rural Utilities Cooperative Finance Corporation ("the Company") is responsible for establishing and maintaining adequate internal control over financial reporting as defined in Rules 13a-15(f) and 15d-15(f) under the Securities Exchange Act of 1934. The Company's internal control system over financial reporting is designed under the supervision of management, including the Chief Executive Officer and Chief Financial Officer, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. The Company's internal control over financial reporting includes those policies and procedures that:
(i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets;
(ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with U.S. generally accepted accounting principles, and that receipts and expenditures

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

of the Company are being made only in accordance with authorizations of management and directors of the Company; and
(iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or dispositions of the assets of the Company.

Any system of internal control, no matter how well designed, has inherent limitations, including but not limited to the possibility that a control can be circumvented or overridden and misstatements due to error or fraud may occur and not be detected. Also, because of changes in conditions, internal control effectiveness may vary over time. Therefore, even those systems determined to be effective can provide only reasonable assurance with respect to financial statement preparation and presentation.

A material weakness (as defined in PCAOB Auditing Standard No. 5) is a deficiency or combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement in financial statements will not be prevented or detected on a timely basis.

The Company's management assessed the effectiveness of its internal controls over financial reporting as of May 31, 2008. In making this assessment, management used the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO") in Internal Control-Integrated Framework.

Based on management's assessment and those criteria, management believes that the Company maintained effective internal control over financial reporting as of May 31, 2008.

This annual report on Form 10-K does not include an attestation report of the Company's registered public accounting firm regarding internal control over financial reporting. Management's report was not subject to attestation by the Company's registered public accounting firm pursuant to temporary rules of the Securities and Exchange Commission that permit the Company to furnish only management's report with this annual report on Form 10-K.

Changes in Internal Controls over Financial Reporting
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.

By: /s/ SHELDON C. PETERSEN<br>Sheldon C. Petersen<br>Governor and Chief Executive Officer<br>August 29, 2008<br>\section*{By: /s/ STEVEN L. LILLY}<br>Steven L. Lilly<br>Senior Vice President and Chief Financial<br>Officer<br>August 29, 2008<br>By: /s/ ROBERT E. GEIER<br>Robert E. Geier<br>Vice President and Controller<br>August 29, 2008

Item 9B. Other Information.
None.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## PART III

Item 10. Directors, Executive Officers and Corporate Governance.
(a) Directors

| Name | Age | Director <br> since | Date present <br> term expires |
| :--- | :--- | :---: | :---: |
| Roger Arthur (President of National Rural) | 61 | 2003 | 2009 |
| Darryl Schriver (Vice President of National <br> Rural) | 43 | 2004 | 2010 |
| Reuben McBride (Secretary - Treasurer of | 61 | 2005 | 2011 |
| National Rural) | 56 | 2008 | 2011 |
| Fred Anderson | 63 | 2003 | 2009 |
| Roger A. Ball | 67 | 2007 | 2010 |
| Raphael A. Brumbeloe | 64 | 2007 | 2010 |
| Delbert Cranford | 60 | 2008 | 2011 |
| Jim L. Doerstler | 60 | 2007 | 2010 |
| Jimmy Ewing, Jr. | 74 | 2004 | 2010 |
| Harold Foley | 57 | 2003 | 2009 |
| Steven J. Haaven | 51 | 2005 | 2010 |
| Jim Herron | 53 | 2004 | 2009 |
| Martin Hillert, Jr. | 61 | 2006 | 2011 |
| William A. Kopacz | 57 | 2008 | 2009 |
| Burns E. Mercer | 62 | 2001 | 2011 |
| Gale Rettkowski | 46 | 2008 | 2009 |
| Dwight Rossow | 43 | 2003 | 2010 |
| Ronald P. Salyer | 60 | 2007 | 2009 |
| R. Wayne Stratton | 62 | 2006 | 2009 |
| J. David Wasson, Jr. | 58 | 2003 | 2009 |
| Charles Wayne Whitaker | 64 | 2006 | 2010 |
| Jack F. Wolfe, Jr. | 57 | 2007 |  |

(b) Executive Officers

| Title | Name | Age | Held present office since |
| :---: | :---: | :---: | :---: |
| President and Director | Roger Arthur | 61 | 2008 |
| Vice President and Director | Darryl Schriver | 43 | 2008 |
| Secretary - Treasurer and Director | Reuben McBride | 61 | 2008 |
| Governor and Chief Executive Officer | Sheldon C. <br> Petersen | 55 | 1995 |
| Senior Vice President of Member Services and General Counsel | John J. List | 61 | 1997 |
| Senior Vice President and Chief Financial Officer | Steven L. Lilly | 58 | 1994 |
| Senior Vice President of Operations | John T. Evans | 58 | 1997 |
| Senior Vice President of Corporate Relations |  | 55 | 1998 |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

|  | Richard E. |  |  |
| :--- | :--- | :--- | :--- |
|  | Larochelle |  |  |
| Senior Vice President of RTFC | Lawrence <br> Zawalick | 50 | 2000 |
| Senior Vice President of Credit Risk Management | John M. Borak | 63 | 2002 |

The President, Vice President and Secretary-Treasurer are elected annually by the board of directors at its first organizational meeting immediately following National Rural's annual membership meeting, each to serve a term of one year; the Governor and Chief Executive Officer serves at the pleasure of the Board of Directors; and the other Executive Officers serve at the pleasure of the Governor and Chief Executive Officer.
(c) Identification of Certain Significant Employees.

Inapplicable.
(d) Family Relationships.

No family relationship exists between any director or executive officer and any other director or executive officer of the registrant.
(e) (1) and (2) Business Experience and Directorships.

In accordance with Article IV of National Rural's Bylaws, each candidate for election to the board of directors must be a trustee, director or manager of a member of National Rural with the exception of the at-large position for the audit committee financial expert who may also be a chief financial officer or has a comparable position of a member of National Rural.

Mr. Arthur has been a board member of Allamakee-Clayton Electric Cooperative in Postville, IA since 1992 and has served as president since 1993. Mr. Arthur is a director and former president of the Iowa Association of Electric Cooperatives and chairs the Regulatory Affairs Committee. He is a board member and secretary of the Cooperative Development Services of Iowa, Wisconsin and Minnesota and a director of the Fayette County Economic Development Commission. Since 1972, Mr. Arthur has been owner and operator of Arthur's Country Place Inc., a family farm corporation.

Mr. Schriver has been General Manager and CEO of Taylor Electric Cooperative, Inc. in Merkel, TX since 2002. Prior to 2002, he held staff positions at the Texas House of Representatives, Texas Legislative Council and Texas Senate. He serves as a director on the Golden Spread Electric Cooperative Board, the Golden Spread Electric Generating Cooperative Board, the Oklaunion Electric Generating Cooperative Board, the Yoakum Electric Generating Cooperative Board, the Mid-Tex Cooperative Board and the Texas Agricultural Cooperative Council. Mr. Schriver is a Group 4 member of the Governmental Relations Committee of Texas Electric Cooperatives. Mr. Schriver formerly served as director of Government Affairs of Brazos Electric Power Cooperative from 1996 to 1998 and of Governmental Relations of Texas Electric Cooperative from 1998 to 2002.

Mr. McBride has been a director of Graham County Electric Cooperative in Pima, AZ since 1991 and vice president since 1993. Mr. McBride is owner/operator of Reuben McBride Farms in Pima, AZ since 1980. Mr. McBride currently serves as president on the board of Arizona Electric Power Co-op., Inc. and chairman of the Executive Committee. In addition, Mr. McBride is a member of both the National and Arizona Action Committees for Rural Electrification.

Mr. Anderson has been the president and CEO of New Hampshire Electric Cooperative, Inc. in Plymouth, NH since 1981. He is a founding board member of the NHEC Foundation. Mr. Anderson is also a board member of the Cooperative Research Council and a former board member of Northway Bank and former member of Northway Bank's audit committee. Mr. Anderson is the former director of Finance and Administration/CFO, New Hampshire Electric Cooperative, Inc.; systems accountant, Rural Electrification Administration; president, vice president and treasurer, Northeast Association of Electric Cooperatives; president, Northeast Public Power Association; and president, Consumer-Owned Energy Foundation.

Mr. Ball has been a board member of Powell Valley Electric Cooperative in New Tazewell, TN since 1988 and has served as president since 1995. Mr. Ball serves as vice chairman of the Claiborne County Industrial Development Board and is a member of the Claiborne County Planning Commission. He served as president of the Workforce Investment Board for Service Delivery Area 2 of Tennessee. Since 1976, Mr. Ball has been owner/ broker of Ball Realty \& Auction, Inc., specializing in development and management of commercial property.

Mr. Brumbeloe has served as a board director of Upson Electric Membership Corporation in Thomaston, GA since 1978 and has been board president since 1998. Mr. Brumbeloe has served as a board member of Georgia Electric Membership Corporation since 1983 and served as chairman from 1988 to 1989. He is also a member representative of Oglethorpe Power Corporation. He is currently the owner of the Red Rock Armory. Mr. Brumbeloe is retired from the Georgia State Patrol.

Mr. Cranford has served as a board director of Randolph Electric Membership Corporation in Asheboro, NC since 1989 and was president from 1995 to 2002 and vice president from 1994 to 1995. He is a director and former

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

president of the North Carolina Association of Electric Cooperatives, Inc. and also served on the North Carolina Electrical Cooperative Board. Mr. Cranford also serves as a director of First Bank Corp, a member of the North Carolina Pharmaceutical Association and a board member and former president of the Farmer Volunteer Fire Department. Mr. Cranford is currently a retail pharmacist and an owner of retail pharmacies.

Mr. Doerstler has served as a board director and assistant secretary-treasurer of Whitewater Valley REMC in Liberty, IN since 1994. He is secretary-treasurer of Indiana Statewide Association of Rural Electric Cooperatives and vice president of Indiana ACRE. Mr. Doerstler has served as vice president of Farm Credit Banks of Louisville, vice president of Credit for Wabash Valley Production Credit Association and branch manager of Greencastle Production Credit Association. Mr. Doerstler owned Louie's Boot Barn from 1987 until it was sold in June 2008.

Mr. Ewing has served as a board director of Pointe Coupee Electric Membership Corporation in New Roads, LA since 1989 and has been board president since 1995. He served as secretary/treasurer from 1990 to 1995. Mr. Ewing also serves as a board member of the Association of Louisiana Electric Cooperatives, Inc. and has been secretary/treasurer since 2006. He is a member of the Action Committee for Rural Electrification, a board member of the Louisiana Landowners Association and a former board member of Cajun Electric Power Cooperative. Mr. Ewing is currently a restaurant owner and farm manager.

Mr. Foley has served as a director of Brown-Atchison Electric Cooperative Association, Inc. in Horton, KS since 1984. He has been board president of Brown-Atchison Electric Cooperative Association since 1991 and held the position of board vice president in 1990. He is a former alternate trustee representative to Kansas Electric Power Cooperative, Inc. (KEPCo) and former vice president of the KEPCo Services, Inc., Board of Directors. He was a real estate broker with Jepson \& Associates in Valley Falls, KS from 1991 until his retirement in June 2003.

Mr. Haaven has been president and Chief Executive Officer ("CEO") of Wild Rice Electric Cooperative Inc. in Mahnomen, MN since 1987 and serves on the Minnkota Power Cooperative Manager Advisory Committee. He is also a member of the Karian/Peterson Powerline Contracting Board and president of Carr's Tree Service Board. He previously served as CEO, under a shared management agreement, of Wild Rice Electric Cooperative/Red River Valley Cooperative in Halstad, MN. Mr. Haaven is a former member of the Rural Electric Political Action Committee Board at Minnesota Rural Electric Association.

Mr. Herron has served as General Manager of Mountain View Electric Association, Inc. in Limon, CO since 1996. Prior to that position, Mr. Herron was General Manager at Farmers' Electric Cooperative in Clovis, NM from 1993 to 1996. Mr. Herron currently serves on the Colorado Electric Education Institute. Previously, he served as chair of the Colorado Rural Electric Managers Association and as board member of the New Mexico Rural Electric Association.

Mr. Hillert has been CEO and General Manager of Adams-Columbia Electric Cooperative in Friendship, WI since 1996. In addition, he serves on the board of Badger Energy Services in Oconto Falls, WI, board vice president of Network 2010 in Oxford, WI and as a board member of Badger Unified Cooperative Services in Fall Creek, WI since 2001. Mr. Hillert also serves as treasurer of Wisconsin Cooperative Managers Association and is a board member of the Electric Coalition of Wisconsin. Mr. Hillert serves as chairman of Adams County Economic Development and is a member of the Advisory Board of Directors for the University of Wisconsin Center for Cooperatives.

Mr. Kopacz has been the General Manager of Midstate Electric Cooperative, Inc. in La Pine, OR since 1990. He is currently a board director of Northwest Requirement Utilities, Northwest Irrigation Utilities, Mid Oregon Credit Union and Economic Development for Central Oregon. He is also a former board president of Economic Development for Central Oregon. He is a former director of Ruralite Services, a northwest electric cooperative publication, and former president of the Oregon Rural Electric Cooperative Association.

Mr. Mercer has served as president and CEO of Meade County R.E.C.C. in Brandenburg, KY since 1976. He serves as a board member for Kentucky Association of Electric Cooperatives, United Utility Supply Cooperative and Farmers Bank. Mr. Mercer is a former NCSC board member and was a member of the Kentucky Society of Public Accountants.

Mr. Rettkowski has served as a board director of Inland Power and Light Company in Spokane, WA since March 2000 and was president of the board through March 2003. He has served as board secretary-treasurer for Northwest Irrigation Utilities since August 1992. Mr. Rettkowski has been the president of Citizens for Irrigation for the state of Washington since September 1991. He is a former trustee of Lincoln Electric and Graingrowers Warehouse Co-op. Mr. Rettkowski has also been president of Rettkowski Brothers, Inc., a farming corporation in Wilbur, WA, since 1998.

Mr. Rossow has served as a board director of Cam Wal Electric Cooperative in Herreid, SD since 1996. Mr. Rossow is also a board member of South Dakota Rural Electric Association. Mr. Rossow has been self-employed as a rancher in Herreid, SD since 1980.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Mr. Salyer has served as the president and CEO of Pioneer Rural Electric Cooperative in Piqua, OH since 2001 and served as executive vice president from 1999 to 2000. In addition, he is a member of the Ohio Rural Electric Cooperatives (OREC) Facilities Attachment Committee, chairman of the OREC Communications Systems Task Force, a member of the OREC Safety Committee and a trustee of Buckeye Power, Inc. where he serves on the Policy Committee. In addition, he is also a director of Rural Electric Supply Cooperative of Ohio.

Mr. Stratton has been a board director of East Kentucky Power Cooperative in Winchester, KY since 1990 and currently serves as Chairman of the Board. He has served as a director of Shelby Energy Cooperative since 1987, ACES Power Marketing since 2004, Shelbyville Municipal Water \& Sewer Commission since 2000 and Republic Bancorp since 1995. Mr. Stratton is an at- large director that serves as the Audit Committee Financial Expert as defined by the Securities and Exchange Commission. He is a certified public accountant in Kentucky, accredited in Business Valuation by the AICPA, a Certified Forensic Accountant, Certified Fraud Examiner and a Credentialed Cooperative Director through National Rural Electric Cooperative Association ("NRECA"). Mr. Stratton has been a member/owner of Jones, Nale \& Mattingly PLC, a full-service accounting and auditing practice since 1970. He currently serves as the Audit Committee Chairman and Audit Committee Financial Expert of Republic Bancorp, a $\$ 2.8$ billion bank traded on NASDAQ. He is the former Audit Committee Chairman of East Kentucky Power Cooperative, former team captain for AICPA peer reviews of other accounting firms and former board member of Kentucky Higher Education Assistance Authority (1985 to 2001) where as Chairman for eight years, he participated in
various finance transactions. He served on the AICPA Uniform Accountancy Act Committee and is the past president of the Kentucky Society of CPAs.

Mr. Wasson has been the president and CEO of Laurens Electric Cooperative, Inc. in Laurens, SC since 1973. He has served on the board of directors of New Horizon Electric Cooperative since 1997 and has served as chairman since 2005. Mr. Wasson has been a board member of the South Carolina Electric Cooperative Association since 1975 and served as chairman from December 1983 to December 1985. He also serves as a director of The Palmetto Bank.

Mr. Whitaker has served as the president and General Manager of Southwest Arkansas Electric Cooperative in Texarkana, AR since 1986. In addition, Mr. Whitaker has been director and former chairman of Arkansas Electric Cooperative Corporation, Arkansas Electric Cooperative, Inc., and the Arkansas Rural Electric Self-Insurance Trust since 1986. He is also a former director of the National Information Solutions Cooperative.

Mr. Wolfe has been the president and CEO of Mid-Carolina Electric Cooperative, Inc. in Lexington, SC since 1975. He has also represented South Carolina's electric cooperatives on the NRECA Board of Directors since 1999, serving as secretary treasurer in 2005, vice president from 2005 to 2006 and currently serving as president. Mr. Wolfe serves as a director of The Electric Cooperatives of South Carolina, Inc. and the Central Electric Power Cooperative and has chaired a variety of statewide committees.

Mr. Wolski has served as a board director of Wyrulec Company in Lingle, WY since 1986. Mr. Wolski has represented Wyoming's cooperative electric utilities on the NRECA Board of Directors since 1999 and was recently elected as NRECA vice president. Prior to his election to vice president, Mr. Wolski served as secretary-treasurer of the NRECA board. He has served as a director of Tri-State Generation \& Transmission since 2001. He served on the board of the Wyoming Rural Electric Association for nine years, including three years as president. Mr. Wolski is also a former board member of the Wyoming Rural Telecommunication Cooperative. Mr. Wolski is the owner/manager of a family farm with a commercial hunting operation and is the owner/agent of an insurance business.

Mr. Petersen joined National Rural in August 1983 as an area representative. He became the director of Policy Development and Internal Audit in January 1990, director of Credit Analysis in November 1990 and Corporate Secretary on June 1, 1992. He became Assistant to the Governor on May 1, 1993. He became Assistant to the Governor and Acting Administrative Officer on June 1, 1994. He became Governor and CEO on March 1, 1995. Mr. Petersen began his career in the rural electrification program in 1976 as staff assistant for Nishnabotna Rural Electric Cooperative in Harlan, IA. He later served as General Manager of Rock County Electric Cooperative Association in Janesville, WI.

Mr. List joined National Rural as a staff attorney in February 1972. He served as Corporate Counsel from June 1980 to 1991. He became Senior Vice President and General Counsel on June 1, 1992, and became Senior Vice President, Member Services and General Counsel on February 1, 1997.

Mr. Lilly joined National Rural as a Senior Financial Consultant in October 1983. He became director of Special Finance in June 1985 and director of Corporate Finance in June 1986. He became Treasurer and Principal Finance Officer on June 1, 1993, and became Senior Vice President and Chief Financial Officer on January 1, 1994.

Mr. Evans joined National Rural as Senior Vice President of Operations in November 1997. He was Senior Vice President and Chief Operating Officer of Suburban Hospital Healthcare System, Bethesda, MD from 1994 to 1997. He was Senior Vice President and Chief Operating Officer for Geisinger Medical Center, Danville, PA from 1991 to 1994.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Mr. Larochelle joined National Rural as director of Corporate Relations in May 1996. He became Senior Vice President of Corporate Relations in August 1998. Prior to joining National Rural, he was the Legislative director at NRECA where he worked for 12 years. He also worked at the U.S. Department of Agriculture in the Rural Electrification Administration and the Farmers Home Administration.

Mr. Zawalick joined National Rural in 1980. Throughout his career with National Rural, Mr. Zawalick has held various positions. In April 1995, he was appointed Vice President of Business Development for National Rural and Administrative Coordinator of RTFC. In February 2000, Mr. Zawalick was named National Rural's Senior Vice President of RTFC.

Mr. Borak joined National Rural in June 2002 as Senior Vice President, Credit Risk Management. Previously, he was with Fleet National Bank, Boston, MA from 1992 to 2001 where he was a Senior Credit Officer with risk management and loan approval responsibility for several industry banking portfolios including investor owned utilities. Prior assignments at Fleet in Hartford, CT included Manager of Credit Review and Manager of Loan Workout in the Connecticut bank.
(f) Involvement in Certain Legal Proceedings.

None to the knowledge of the Company.
(g) Promoters and Control Persons.

Inapplicable.
(h) Code of Ethics

The Company has adopted a Code of Ethics within the meaning of Item 406(b) of Regulation S-K. This Code of Ethics applies to our principal executive officer, our principal financial officer and principal accounting officer. This Code of Ethics is publicly available on our website at http://www.nrucfc.coop/aboutcfc/pdfs/ethicsPolicyCEO-SFO.pdf.
(i) Audit Committee

Our Audit Committee currently consists of thirteen directors: Mr. Stratton (Chairperson), Mr. Anderson (Vice-Chairperson), Mr. Arthur, Mr. Wasson, Mr. Ball, Mr. Salyer, Mr. Haaven, Mr. Herron, Mr. Whitaker, Mr. Rettkowski, Mr. McBride, Mr. Schriver and Mr. Wolfe. Mr. Stratton was designated by the Board as the "audit committee financial expert" as defined by Section 407 of the Sarbanes-Oxley Act of 2002 ("SOX"). The members of the Audit Committee are "independent" as that term is defined in Rule 10A-3 under the Securities Exchange Act. Among other things, the Audit Committee reviews the Company's financial statements and the disclosure under Management's Discussion and Analysis in our Annual Report on Form 10-K. The Committee meets with our independent registered public accounting firm, internal auditors, Chief Executive Officer and financial management executives to review the scope and results of audits and recommendations made by those persons with respect to internal and external accounting controls and specific accounting and financial reporting issues and to assess corporate risk. The Board has adopted a written charter for the Audit Committee.

The Audit Committee completed its review and discussions with management regarding the Company's audited financial statements for the year ended May 31, 2008. The Audit Committee has discussed with the independent auditors the matters required to be discussed by Statement on Auditing Standards No. 61, as amended, and received from the independent accountants written disclosures and the letter regarding their independence required by Independence Standards Board Standard No. 1, and discussed with the independent accountants their independence.

Based on the review and discussions noted above, the Audit Committee recommended to the Board that the audited financial statements be included in the Company's Annual Report on Form 10-K for the year ended May 31, 2008 for filing with the Securities and Exchange Commission.
(j) Compensation Committee

Role of the Compensation Committee
The Executive Committee of the Board of Directors has historically served as the compensation committee, making recommendations on the compensation for the Chief Executive Officer ("CEO") and recommending the overall compensation and benefits package for all executive officers and other employees to the full Board of Directors. On May 25, 2007, the Board of Directors established a Compensation Committee to review and make appropriate recommendations to the full Board of Directors regarding National Rural's total compensation philosophy and pay components, including, but not limited to, base and incentive pay programs. The Compensation Committee is also responsible for approving the compensation, employment agreements and perquisites for the CEO. The

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Compensation Committee annually reviews all approved corporate goals and objectives relevant to compensation, evaluates performance in light of those goals and approves the CEO's compensation based on this evaluation, all of which is then ratified by the full Board of Directors. The Compensation Committee has delegated authority to the CEO for evaluating the performance and approving the annual base compensation for all of the other named executive officers as identified in the Summary Compensation Table below. Other than the CEO, no other named executive officer makes decisions regarding executive compensation.

The Compensation Committee reports to the Board of Directors on its actions and recommendations following committee meetings and meets in executive session without members of management present when making specific compensation decisions. Although the Board has delegated authority to the Compensation Committee with respect to National Rural's executive and general employee compensation programs and practices, the full Board of Directors also reviews and ratifies National Rural's compensation and benefits programs each year.

The Compensation Committee's charter can be found on National Rural's website, www.nrucfc.coop.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The Compensation Committee's Processes
The Compensation Committee has established a process to assist it in ensuring that National Rural's executive compensation program is achieving its objectives. Prior to the start of each fiscal year, the Board of Directors approves performance measures for the corporate balanced scorecard, which is the basis of the short-term incentive plan, and the specific goal and metrics for the long-term incentive plan. After the end of the fiscal year, the Compensation Committee meets with the CEO in executive session to review his performance based on his individual achievements, contribution to National Rural's performance and other leadership accomplishments. In determining Mr. Petersen's base pay, the Compensation Committee subjectively considers a variety of corporate performance measures, including financial metrics, portfolio management, customer satisfaction and market share, industry leadership, and peer group compensation data provided by the compensation consultant, as discussed below.

Role of Compensation Consultant
In fiscal year 2008, the Compensation Committee hired Mercer Human Resource Consulting ("Mercer") to advise it on the CEO's compensation as compared to the compensation of CEOs of peer group organizations. Through individual interviews with each member of the Compensation Committee, Mercer established a peer group of companies to use in assessing the competitiveness of the CEO's compensation (see "Compensation Analysis" in the Compensation Discussion and Analysis section below). Mercer advised the Compensation Committee through an assessment of compensation data from this peer group using both a one-year compensation analysis - which assesses National Rural's CEO compensation and the compensation of peer CEOs for the most recent fiscal year, and a three-year compensation analysis - which assesses average peer CEO pay for the last three fiscal years. Compensation analyses include peer group CEO base pay, annual incentives, total cash compensation, long-term incentives and total direct compensation. Mercer did not determine or provide the Compensation Committee with a specific recommendation on any component of executive compensation.

## Role of Executive Officers

As described above, the Compensation Committee has delegated the authority for making annual base pay decisions for the other named executive officers to the CEO. The CEO exercises his judgment to set annual base pay rates, based on general market data, overall corporate performance and leadership accomplishments. For additional information about the CEO's role in compensation decisions, see "Base Pay" under the Compensation Discussion and Analysis section below.

Item 11. Executive Compensation.
Compensation Discussion and Analysis
Executive Compensation Philosophy and Objectives
The components of National Rural's compensation package for the named executive officers (consisting of Messrs. Petersen, Lilly, List, Evans and Larochelle) are consistent with those offered to all employees and consist of base pay, short-term (one-year) incentive, tied to the achievement of annual corporate goals, and long-term (three-year) incentive, tied to the achievement of strategic objectives, plus retirement and other benefits. We believe that all four elements of compensation work together to provide a competitive compensation package that drives performance and supports executive retention.

Performance -Named executive officers receive base pay that is both market competitive and reflective of the strategic management they provide to National Rural. Other components of compensation - short-term and long-term incentive bonuses - reflect the performance of the organization and the success in achieving performance metrics established by the Board of Directors.

Retention - The relationship between National Rural and its members makes the retention of employees, including the named executive officers, vital to our business and long-term success. The compensation package, particularly the

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

long-term incentive plan and the retirement benefits, assist in the retention of a highly qualified management team.

## Compensation Analysis

In fiscal year 2008, Mercer was engaged by the Compensation Committee to conduct a compensation survey to provide compensation data for the Chief Executive Officer ("CEO") position using peer organizations identified by Mercer through interviews with each member of the Compensation Committee. Mercer included companies in the compensation comparison group that were similar to National Rural in asset size, industry and business description. The group included financial institutions that are premier private market, commercial and/or mission-driven lenders, offering full service financing, investment and related services. The companies targeted as peer companies had assets ranging from $\$ 12.9$ billion to $\$ 29.5$ billion with a median of $\$ 22.9$ billion, as compared to National Rural's December 2006 total assets of $\$ 18.6$ billion. The comparator group consisted of financial services organizations New York Community Bancorp, Inc., Student Loan Corp., Astoria Financial Corp, Nelnet, Inc., Indymac Bancorp, Webster Financial Corp., and Flagstar Bancorp, as well as three Farm Credit System peers.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Mercer led the Compensation Committee through an assessment of compensation data using both a one-year and a three-year compensation analysis. Peer CEO compensation data analyzed included base pay, annual incentives, total cash compensation (the sum of base salary and annual incentives for the last fiscal year), long-term incentives (including stock awards valued at market value on the date of grant and stock options valued at grant date utilizing the Black-Scholes option pricing model) and cash awards valued at actual payout on date of award (if target value is not disclosed), as well as sign-on awards and total direct compensation (the sum of total cash compensation and the long-term incentive award paid in the most recent fiscal year for the one-year analysis, or the sum of total cash compensation and the three-year average of long-term incentives for the three-year analysis), each as reported in the annual report or proxy statement for the most recent fiscal year and Compensation Committee reviewed total compensation data for the peer group for informational purposes and used this data solely to determine the competitiveness of National Rural's CEO base pay.

In determining the base compensation paid to our other named executive officers, the CEO reviewed national, credible compensation surveys for financial services organizations of similar asset size to obtain a general understanding of current compensation practices and to ensure that the base pay component of compensation for the other named executive officers is competitive, meaning generally within the 50th percentile of comparative pay for similar positions. The CEO did not review or consider the underlying organizations comprising the survey information, but instead considered only the aggregate compensation data.

Elements of Compensation
National Rural's executive compensation program provides a balanced mix of compensation that incorporates the following key components:

## o Annual base pay

o An annual incentive cash bonus which is based on the achievement of short-term (one-year) corporate goals o A three year incentive cash bonus which is based on the achievement of longer-term corporate goals o Retirement, health and welfare and other benefit programs provided generally to all National Rural employees

While all elements of executive compensation work together to provide a competitive compensation package, each element of compensation is determined independently of the other elements.

National Rural's compensation philosophy is to target total compensation for employees - base pay, short-term incentive, long-term incentive and benefits - at the 75th percentile of market for the general employee population. However, due to the cooperative nature of the organization, National Rural cannot match the compensation levels of named executive officers of other financial services organizations at the 75th percentile since we do not offer stock or other equity compensation. It is important to National Rural, however, to pay the named executive officers of National Rural competitively in base pay to retain key talent.

Base Pay - National Rural's philosophy is to provide annual base pay that reflects the value of the job in the marketplace, targeted at the 50th percentile. To attract and retain a highly-skilled work force, National Rural must remain competitive with the pay of other employers that compete with us for talent. Because National Rural cannot match the compensation levels of named executive officers of other financial services organizations at the 75th percentile, as described above, the Compensation Committee targeted the base pay for Mr. Petersen, CEO, at the 55th percentile of base pay for the peer group CEOs. In reaching the decision to target the CEO's base pay at the 55th percentile of peer base pay, the Compensation Committee acknowledged the strong performance of the CEO and the Company.

As discussed under "Role of the Compensation Committee" above, the CEO exercised his judgment to set the annual base pay for the other named executive officers based on general market data, overall performance and leadership accomplishments. In fiscal year 2008, because all named executive officers were performing well in their individual

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

roles, Mr. Petersen focused on the comparable market pay for similar positions, at the 50th percentile of market base pay, and because base pay of the named executive officers was within the 50th percentile of the market, raised base pay for each named executive officer by $4 \%$, reflecting the general merit increase for executives in the Washington, DC metropolitan area.

Short-Term Incentive - National Rural's short-term cash incentive program is a one-year bonus that is tied to the annual performance of the organization as a whole. National Rural believes that by paying a short-term incentive tied to the achievement of annual operating goals, all employees, including named executive officers, will focus their efforts on the most important strategic objectives which help National Rural to fulfill its mission to its members and the financial markets. Additionally, the short-term incentive pay enhances National Rural's ability to provide competitive compensation while at the same time tying actual incentive compensation paid to the achievement of corporate goals. All employees are eligible to participate in the short-term incentive program.

The short-term incentive program provides annual cash bonus opportunities based upon the level of the position within National Rural's base pay structure, ranging from $15 \%-25 \%$ of base pay. Named executive officers participate in the
corporate short-term incentive program and are eligible to receive short-term bonus compensation up to $25 \%$ of their base pay. While $25 \%$ of base pay is below market for incentive pay for the Company's named executive officers, it is reflective of the cooperative nature of National Rural.

Corporate performance is measured using a balanced scorecard approved by the Board of Directors prior to the start of the fiscal year. The balanced scorecard is a performance management tool that articulates the corporate strategy of National Rural into specific, quantifiable, measurable goals. By focusing goals in four quadrants, the scorecard ensures that proper attention is paid to all crucial areas of business performance. The scorecard provides balanced management indicators of business success and a focus for all employees as to the target results and measures that must be achieved if National Rural is to succeed at realizing its strategic plan. The intent is to align organizational, departmental and individual initiatives to achieve a common goal.

The four quadrants for fiscal year 2008, which were the basis for the short-term incentive payment, were Customer Engagement, Financial Ratios, Internal Process and Operations, and Learning, Growth and Innovation. The Board of Directors establishes corporate goals and measures that they believe are achievable only if each individual performs well in his or her role and the Company meets its internal business plan goals. Since its inception in 1999, the actual payout percentage has ranged from $61 \%$ to $94 \%$ of total opportunity, with an average over the ten years of $84 \%$. For fiscal year 2008, it is expected that four out of seven goals will be achieved, equating to $61 \%$ of the total opportunity. Goals successfully achieved were within the Customer Engagement, Financial Ratios, and Learning, Growth and Innovation quadrants of the balanced scorecard. Payments under the short-term incentive plan are subject to approval by the Board of Directors at a date subsequent to the filing of this Form 10-K.

Long-Term Incentive - the long-term incentive program is a three-year plan that is tied to National Rural's long-term strategic objectives. The long-term incentive program was implemented to create dynamic tension between short-term objectives and long-term goals. It is also an effective retention tool, helping the Company keep key employees, and supports National Rural's efforts to pay at market competitive levels. All employees employed on the first day of the fiscal year, June 1, are eligible to participate in the plan cycle and will receive performance units that are calculated at $15 \%-25 \%$ of base pay. Similar to the short-term incentive program, while $25 \%$ of base pay is below market for incentive pay for the Company's named executive officers, it is reflective of the cooperative nature of National Rural.

Performance units are issued at the start of each fiscal year for a three-year cycle. Performance units for named executive officers are calculated by dividing $25 \%$ of base pay on June 1 by the plan payout unit value assigned to the target rating level of AA- stable, valued at $\$ 100$ per performance unit for the plan cycle ending May 31, 2008. The measure for all active long-term incentive plans is the achievement of bond rating targets for our senior secured debt by three rating agencies: Standard \& Poor's Corporation, Fitch Ratings, and Moody's Investors Service. The value of the performance units will range from $\$ 0$ to $\$ 150$ per performance unit according to the level of National Rural's secured debt ratings by the three rating agencies. To achieve the highest value of $\$ 150$, which exceeds the targeted value, all three agencies would have to raise National Rural's long-term secured debt rating to AA. If this rating level is achieved, the long-term incentive pay for named executive officers is $37.5 \%$ of the base pay for the year in which the units were issued. The chart below indicates the performance unit values for the plan cycle ending May 31, 2008.

Senior Secured Debt Rating - Incentive-Performance Linkage

| Rating Outlook | negative | A+ <br> stable | positive | negative | AAstable | positive | AA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Numerical Score | 1 | 2 | 3 | 4 | 5 | 6 |  |
| $\begin{aligned} & \text { Plan } \\ & \text { Pay-Out } \end{aligned}$ | \$0 | \$40 | \$60 | \$60 | \$100 | \$120 | \$150 |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Unit Value

* The target objective is in bold.

The senior secured debt rating was selected as the measure for the long-term incentive plan because, as a financial services company, National Rural is dependent on the capital markets and stronger ratings lead to lower interest cost and more reliable access to the capital markets.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The long-term incentive is paid out in one lump sum after the end of the performance period. Payments made to named executive officers in fiscal year 2008 were for performance units issued in June 2005 and were based on the May 31, 2008 senior secured debt rating level of A+ stable outlook, which has a value of $\$ 40$ per performance unit, which is $40 \%$ of the targeted opportunity. As of May 31, 2008, there were three active long-term incentive plans in which named executive officers are participants. Performance units issued to named executive officers in June 2006 will have a value based on senior secured debt ratings in place on May 31, 2009; performance units issued to named executive officers in June 2007 will have a value based on senior secured debt ratings in place on May 31, 2010; and performance units issued to named executive officers in June 2008 will have a value based on senior secured debt ratings in place on May 31, 2011. The methodology for determining the number of performance units issued to named executive officers for all active long-term incentive plans is consistent with the process described above.

## Benefits

An important retention tool is National Rural's defined benefit pension plan, the Retirement Security Plan. National Rural participates in a multiple employer pension plan managed by National Rural Electric Cooperative Association ("NRECA"). We balance the effectiveness of this plan as a compensation and retention tool with the cost of the annual premium incurred to participate in this pension plan. The value of the pension benefit is determined by base pay only and does not include other cash compensation.

National Rural also offers a Pension Restoration Plan, which is a component of the NRECA Retirement Security Plan, to a select group of management, including the named executive officers, to increase their retirement benefits above amounts available under the Retirement Security Plan, which is restricted by IRS limitations on annual pay levels and maximum annual annuity benefits. The Pension Restoration Plan restores the value of the Retirement Security Plan for named executive officers to the level it would be if the IRS limits on annual pay and annual annuity benefits were not in place. Unlike the Retirement Security Plan, the Pension Restoration Plan is an unfunded, unsecured obligation of National Rural and is not qualified for tax purposes. National Rural pays the amount owed to the named executive officers for the pension restoration benefit; amounts paid are then deducted from the premium due for the next Retirement Security Plan invoice from NRECA.

For more information on the Retirement Security Plan and the Pension Restoration Plan, see the Pension Benefits Table and accompanying narrative below.

As an additional retention tool designed to assist named executive officers in deferring compensation for use in retirement, each named executive officer is also eligible to participate in National Rural's non-qualified 457(b) deferred compensation savings plan. Contributions to the plan are limited by IRS regulations. The calendar year 2008 cap for contributions is $\$ 15,500$. There is no National Rural contribution to the deferred compensation plan. For more information see "Nonqualified Deferred Compensation" below.

## Other Compensation

National Rural provides named executive officers with other benefits, as reflected in the All Other Compensation column in the Summary Compensation Table below, that we believe are reasonable and consistent with National Rural's compensation philosophy. National Rural does not provide significant perquisites or personal benefits to the named executive officers.

The Compensation Committee considers perquisites for the CEO in connection with its annual review of the CEO's total compensation package described above. The perquisites provided to Mr. Petersen are limited to an annual automobile allowance as well as an annual spousal air travel allowance. To provide these perquisites in an efficient fashion, the Board of Directors authorizes an annual allowance rather than providing unlimited reimbursement or use of a company-owned vehicle. The amount of each allowance is authorized annually by the Board of Directors and is determined based on the estimated cost for operation and maintenance of an automobile and the anticipated cost of air

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

travel by the CEO's spouse. For fiscal year 2008, the Board authorized an annual aggregate perquisite allowance of $\$ 25,100$. Additionally, Mr. Petersen received an annual executive physical paid for by National Rural.

Severance/Change In Control Agreements
Mr. Petersen, CEO, and Mr. Evans, SVP, Operations, each have an executive agreement with National Rural under which they may continue to receive base salary and benefits in certain circumstances after resignation or termination of employment. The value of Mr. Petersen's severance package was determined to be customary for a CEO and approved by the Compensation Committee as part of his employment contract. The value of Mr. Evans' severance package was negotiated by the CEO and Mr. Evans as part of Mr. Evans' employment offer. No other named executive officers have termination or change in control agreements. For more information on these severance arrangements, see "Termination of Employment and Change In Control Arrangements" below.

## Compensation Committee Report

The Compensation Committee of the Board of Directors oversees National Rural's compensation program on behalf of the Board. In fulfilling its oversight responsibilities, the Compensation Committee reviewed and discussed with management the Compensation Discussion and Analysis set forth in this Form 10-K. Based upon this review and discussion, the Compensation Committee recommended to the Board of Directors that the Compensation Discussion and Analysis be included in this Form 10-K.

Submitted by the Compensation Committee
Roger Arthur
Darryl Schriver
Reuben McBride
Delbert Cranford
J. David Wasson, Jr.

Steven J. Haaven
Wayne Stratton

66

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## Summary Compensation Table

The summary compensation table below sets forth the aggregate compensation for the years ended May 31, 2008 and 2007 earned by the named executive officers and two additional executive officers of National Rural that meet the definition of "related persons" pursuant to SEC disclosure requirements.

|  |  |  |  | Change in Pension Value nd Non-qualified Deferred |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Name and Principal Position | Year | Salary | Non-Equity Incentive Plan Compensation (1) | Compensation Earnings <br> (2) | All Other Compensation (3) | Total |
| Sheldon C. Petersen | 2008 | \$689,583 | \$ 162,681 | \$475,626 | \$ 112,698 | \$ 1,440,588 |
| Governor \& CEO | 2007 | 643,125 | 204,212 | 428,799 | 132,577 | 1,408,713 |
| Steven L. Lilly | 2008 | 378,750 | 92,759 | 294,967 | 14,219 | 780,695 |
| Senior Vice President \& | 2007 | 364,000 | 117,513 | 266,788 | 50,938 | 799,239 |

Chief Financial
Officer

| John J. List | 2008 | 378,750 | 92,759 | 523,478 | 9,848 | $1,004,835$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Senior Vice <br> President of | 2007 | 364,000 | 113,233 | 477,364 | 51,830 | $1,006,427$ |

Member Services
and
General Counsel

| John T. Evans | 2008 | 378,750 | 92,759 | 167,845 | 14,218 | 653,572 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Senior Vice |  |  |  |  |  |  |
| President of | 2007 | 364,000 | 113,233 | 146,285 | 16,833 | 640,351 |
| Operations |  |  |  |  |  |  |


| Richard E. <br> Larochelle | 2008 | 276,000 | 67,610 | 180,744 | 12,189 | 536,543 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Senior Vice |  |  |  |  |  |  |
| President of | 2007 | 265,500 | 85,507 | 161,864 | 18,581 | 531,452 |
| Corporate Re |  |  |  |  |  |  |


| Lawrence Zawalick <br> (4) | 2008 | 276,000 | 67,610 | 177,749 | 12,189 | 533,548 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Senior Vice President of | 2007 | 265,500 | 85,507 | 147,479 | 46,494 | 544,980 |
| RTFC |  |  |  |  |  |  |
| John M. Borak (4) | 2008 | 242,800 | 59,547 | 69,951 | 11,535 | 383,833 |
| Senior Vice President of | 2007 | 233,500 | 75,927 | 106,490 | 10,860 | 426,777 |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## Credit Risk

Management
(1) Includes amounts earned during fiscal year 2008 and 2007 under the long-term and short-term incentive plans. Payments under the fiscal year 2008 short-term incentive plan are subject to approval by the Board of Directors at a date subsequent to the filing of this Form $10-\mathrm{K}$.
(2) Represents solely the change in the net present value of the accumulated pension benefit under the NRECA Retirement Security Plan, the multiple employer defined benefit pension plan in which National Rural participates during each respective fiscal year.
(3) For Mr. Petersen, includes $\$ 27,560$ of perquisites comprised of $\$ 13,400$ pursuant to Mr. Petersen's automobile allowance and $\$ 11,700$ pursuant to his spousal air travel allowance for fiscal year 2008. The annual automobile allowance is calculated based on estimated costs associated with maintenance, use and insurance of a personal automobile for company business. The annual spousal travel allowance is calculated based on the anticipated air travel for Mrs. Petersen during the fiscal year. The remaining perquisite amount in fiscal year 2008 was for an annual physical examination. Additionally, for Mr. Petersen, includes $\$ 67,315$ related to Rural Telephone Finance Cooperative ("RTFC") contributions to the RTFC deferred compensation plan. For more information on this arrangement, see "Employment Contracts" and "Nonqualified Deferred Compensation" below. For Mr. Petersen, also includes $\$ 10,923$ related to a sick leave incentive bonus for fiscal year 2008. The remaining amounts included in this column represent sick leave incentive bonuses for each named executive officer other than Mr. Petersen, and National Rural contributions on behalf of each named executive officer pursuant to the National Rural 401(k) defined contribution plan.
(4) These executives are "related persons" as defined by the SEC's disclosure requirements and are included in the Summary Compensation Table as we generally treat all of our executive officers equally.

## Grants of Plan-Based Awards

The Company has a long-term and a short-term incentive plan for all employees, under which the named executive officers may receive a bonus of up to $37.5 \%$ and $25 \%$ of salary, respectively. The incentive payouts are based on the executive officer's salary at the date the program becomes effective. See the "Compensation Discussion and Analysis" above for further information on these incentive plans.

The following table contains the estimated possible payouts under the Company's short-term incentive plan and possible future payouts for grants under the Company's long-term incentive plan during the year ended May 31, 2008.

|  | Estimated Future Payouts Under <br> Non-Equity Incentive Plan <br> Awards <br> Target | Max |
| :---: | :---: | :---: | :---: |

John J. List
Long-term
Incentive Plan
(1) - 94,700 142,050

Short-term
Incentive Plan
(2) - 94,688 94,688

John T. Evans
Long-term
Incentive Plan

| (1) | - | 94,700 | 142,050 |
| :--- | :--- | :--- | :--- |
| Short-term <br> Incentive Plan <br> $(2)$ |  |  |  |
| (2) | 94,688 | 94,688 |  |

Richard E. Larochelle
Long-term
Incentive Plan
(1) - $69,000 \quad 103,500$

Short-term
Incentive Plan
(2) - $69,000 \quad 69,000$

Lawrence Zawalick
Long-term
Incentive Plan

| (1) | - | 69,000 | 103,500 |
| :--- | :--- | ---: | ---: |
| Short-term | - | 69,000 | 69,000 |
| Incentive Plan |  |  |  |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## (2)

John M. Borak
Long-term

Incentive Plan
(1)

$$
60,700 \quad 91,050
$$

Short-term
Incentive Plan
(2)

60,700 60,700
(1) Target payouts are calculated using unit values of $\$ 100$ based on the Company's goal of achieving an average long-term senior secured credit rating of AA- stable at May 31, 2010.
(2) Target and maximum payouts represent $25 \%$ of May 31, 2008 base salary. For the expected payout under the fiscal year 2008 short-term incentive plan, see the Non-Equity Incentive Plan Compensation column of the Summary Compensation Table above.

As discussed in the Compensation Discussion and Analysis above, the Board of Directors has approved a new long-term incentive plan with terms similar to the plan in effect during fiscal year 2008. As a result, the executives included in the chart above received grants on June 1, 2008 with a payout to be determined on May 31, 2011.

## Employment Contracts

Pursuant to an employment agreement effective as of January 1, 2008, National Rural has agreed to employ Mr. Petersen as Chief Executive Officer through February 29, 2012 (with automatic one-year extensions unless either party objects) at no less than his base salary at the time, or $\$ 710,000$ per annum, plus such incentive payments (if any) as may be awarded him. In addition, pursuant to the employment agreement, Mr. Petersen is entitled to certain payments in the event of his termination other than for cause (e.g., Mr. Petersen leaving for good reason, disability or termination due to death). See "Termination of Employment and Change In Control Arrangements" below for a description of these provisions and for information on these amounts.

Pursuant to a separate independent contractor agreement effective as of January 1, 2008, Mr. Petersen has agreed to provide service to RTFC for a period coterminous to the National Rural agreement that is automatically extended at each March 1, after 2012, for an additional year unless RTFC or Mr. Petersen does not wish to extend or further extend the term of the contractor agreement with RTFC. As compensation, RTFC must credit $\$ 30,000$ to a deferred compensation account on January 1 of each year of the term. For additional information, see "Nonqualified Deferred Compensation" below.

For information about Mr. Evans' termination agreement, see "Termination of Employment and Change In Control Arrangements."

## Pension Benefits Table

The Company is a participant in a multiple employer defined benefit pension plan, the Retirement Security Plan, which is administered by NRECA. Since the plan is a multiple employer plan in which National Rural participates, National Rural

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

is not liable for the amounts shown and such amounts are not reflected in National Rural's audited financial statements. National Rural's expense is limited to the annual premium to participate in the plan. There is no funding liability for National Rural for the plan.

The Retirement Security Plan is a qualified plan in which all employees are eligible to participate upon completion of one year of service. Each of the named executive officers participates in the qualifed pension plan component of the Retirement Security Plan. Under the plan, participants are entitled to receive annually, under a $50 \%$ joint and surviving spouse annuity, $1.90 \%$ of the average of their five highest base salaries during their last ten years of employment, multiplied by the number of years of participation in the plan. The value of the pension benefit is determined by base pay only and does not include other cash compensation. Normal retirement age under the qualified pension plan is age 62 ; however, the plan does allow for early retirement with reduced benefits. For early retirement, the pension benefit will be reduced by $1 / 15$ for each of the first five years and $1 / 30$ for each of the next five years by which the elected early retirement date precedes the normal retirement date. Each of the named executive officers is eligible for early retirement under the plan.

National Rural also offers a Pension Restoration Plan which is a component of the Retirement Security Plan. Each of the named executive officers participates in the Pension Restoration Plan component of the Retirement Security Plan, the purpose of which is to increase their retirement benefits above amounts available under the Retirement Security Plan, which is restricted by IRS limitations on annual pay levels and maximum annual annuity benefits. The Pension Restoration Plan restores the value of the Retirement Security Plan for each officer to the level it would be if the IRS limits on annual pay and annual annuity benefits were not in place. The benefit and payout formula under the restoration component of the Retirement Security Plan is similar to that under the qualified plan component. However, each of the named executive officers has satisfied the provisions established to receive the benefit from this plan. Since there is no longer a risk of forfeiture of the benefit under the Pension Restoration Plan, distributions will be made from the plan to each named executive officer annually.

The following table contains the years of service, the present value of the accumulated benefit for the executive officers listed in the Summary Compensation Table at May 31, 2008 and distributions from the plan for the fiscal year then ended.

| Name | Plan Name | Number of Years Credited Service (1) | Present Value of Accumulated Benefit (2) | Payments During Last Fiscal Year (3) |
| :---: | :---: | :---: | :---: | :---: |
| Sheldon C. <br> Petersen | NRECA Retirement |  |  |  |
|  | Security Plan | 24.75 | \$2,316,804 | \$844,312 |
|  | NRECA Retirement |  |  | 397,069 |
| Steven L. Lilly | Security Plan | 23.58 | 1,696,835 |  |
|  | NRECA Retirement |  |  | 762,176 |
| John J. List | Security Plan | 35.42 | 2,713,970 |  |
|  | NRECA Retirement |  |  | 155,187 |
| John T. Evans | Security Plan | 9.50 | 638,556 |  |
| Richard E. Larochelle | NRECA Retirement |  |  | 101,155 |
|  | Security Plan | 24.00 | 1,098,277 |  |
| Lawrence Zawalick | NRECA Retirement |  |  | 101,590 |
|  | Security Plan | 27.67 | 1,122,227 |  |
| John M. <br> Borak (4) | NRECA Retirement |  |  |  |
|  | Security Plan | 1.92 | 125,137 | 2,368 |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

(1) National Rural is a participant in a multiple employer pension plan. Credited years of service, therefore, includes not only years of service with National Rural, but also years of service with another cooperative participant in the multiple employer pension plan. Mr. Larochelle has 12 credited years of service with another cooperative in addition to National Rural. All other executives have credited years of service only with National Rural.
(2) Amount represents the actuarial present value of the executive officer's accumulated benefit under the plan as of May 31, 2008 as
provided by the plan administrator, NRECA, using interest rates ranging from $4.52 \%$ to $4.91 \%$ per annum and mortality according to tables prescribed by the IRS as published in Revenue Rulings 2001-62 and 2007-67.
(3) Distributions during fiscal year 2008 were as a result of the executive officers no longer being at risk of forfeiture with respect to these amounts provided under the restoration component of the Retirement Security Plan.
(4) At May 31, 2008, Mr. Borak is the only named executive officer that is eligible for retirement based on the normal retirement age of 62. Due to Mr. Borak's quasi-retirement in January 2007, his credited years of service were reduced to zero at that time. Subsequent to the quasi-retirement, Mr. Borak received credited years of service for the remainder of the 2007 calendar year and receives 12 months of credited service in January of each year thereafter.

## Nonqualified Deferred Compensation

National Rural Deferred Compensation Plan
The National Rural deferred compensation plan is a nonqualified deferred compensation savings program for the senior executive group, including each of the named executive officers, and other selected management or highly compensated employees designated by National Rural. Participants may elect to defer up to the lesser of $100 \%$ of their compensation for the year or the applicable IRS statutory dollar limit in effect for that calendar year. The calendar year 2008 cap for contributions is $\$ 15,500$. Compensation for the purpose of this plan is defined as the total amount of compensation, including incentive pay, if any, paid by National Rural. National Rural does not make any contributions to the plan.

The accounts are credited with "earnings" based on the participants' selection of available investment options (currently, eight options) within the Homestead Funds. When a participant ceases to be an employee for any reason, distribution of the account will generally be made in 15 substantially equal annual payments beginning approximately 60 days after termination (unless an election is made to change the form and timing of the payout). The participant may elect either a single lump sum or substantially equal annual installments paid over no less than two and no more than 14 years. The amount paid is based on the accumulated value of the account.

Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

## RTFC Deferred Compensation Plan

As described under "Employment Contracts" above, RTFC contributes a sum of \$30,000 annually to a deferred compensation account for Mr. Petersen on January 1 of each year that Mr. Petersen is contracted by RTFC. Interest will be credited to the account on December 31 of each such year at a rate equal to National Rural's 20-year medium-term note rate on that date. On December 31, 2007, the applicable interest rate was $6.42 \%$. As approved by the RTFC Board of Directors, Mr. Petersen, at his option, may request that the deferred component of his compensation be directed into alternative investment vehicles that could offer the opportunity to earn a return that is greater than the National Rural 20-year medium-term note rate. Mr. Petersen has not yet chosen to exercise that option. If Mr. Petersen's service to RTFC is terminated by RTFC other than for cause, or by Mr. Petersen for any reason, or by his death or disability, the account will be deemed continued for the remainder of the term of the contractor agreement with RTFC (but in no event less than six months nor more than a year), interest will be credited on a proportional basis for the calendar year during which the continuation ends and the balance in the account will be paid to Mr. Petersen or his beneficiaries in a lump sum.

The following table summarizes information related to the nonqualified deferred compensation plans in which the executive officers listed in the Summary Compensation Table were eligible to participate during the year ended May 31, 2008.


# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## John M. Borak

National Rural Deferred

| Compensation | 15,500 | - | 2,178 | - |
| :--- | :--- | :--- | :--- | :--- |
| 57,396 |  |  |  |  |

(1) Executive contributions are also included in the fiscal year 2008 Salary column in the Summary Compensation Table above.
(2) If Mr. Petersen's employment were terminated at May 31, 2008 by RTFC other than for cause, or by Mr. Petersen for any reason, or by his death or disability, interest would accrue under the RTFC deferred compensation plan through May 31, 2009 at the National Rural 20-year medium-term note rate on December 31, 2007. On December 31, 2007, the applicable interest rate was $6.42 \%$ which would result in additional RTFC contributions of $\$ 90,902$ through May 31, 2009. RTFC's contribution of $\$ 67,315$ for fiscal year 2008 is also included in the fiscal year 2008 All Other Compensation column in the Summary Compensation Table above.
(3) The aggregate balance for the RTFC Deferred Compensation plan includes $\$ 581,233$ reported in the Summary Compensation Table in prior years.

Termination of Employment and Change In Control Arrangements
Each of Mr. Petersen and Mr. Evans have an executive agreement with National Rural (and, for Mr. Petersen only, with RTFC) under which each such officer may continue to receive base salary and benefits in certain circumstances after resignation or termination of employment. No other named executive officers have termination or change in control agreements.

## Mr. Petersen

Under the executive agreement with Mr. Petersen, if National Rural terminates his employment without "cause," or Mr. Petersen terminates his employment for "good reason" (each term as defined below), National Rural is obligated to pay him a lump sum payment equal to the product of three times his annual base salary at the rate in effect at the time of termination, and his short-term incentive bonus, if any, for the previous year (or an amount equal to the short-term incentive bonus for fiscal year 2007). Assuming a triggering event of May 31, 2008, the compensation payable to Mr. Petersen for termination without cause would be $\$ 2,582,196$. The actual payments due on a termination without cause on different dates could materially differ from this estimate.

For purposes of Mr. Petersen's executive agreement, "cause" generally means (i) the willful and continued failure by Mr. Petersen to perform his duties under the agreement or comply with written policies of National Rural, (ii) willful conduct materially injurious to National Rural, or (iii) conviction of a felony involving moral turpitude. "Good reason" generally means (i) a reduction in the rate of Mr. Petersen's base salary, (ii) a decrease in his titles, duties or responsibilities, or the assignment of new responsibilities which, in either case, is materially less favorable to Mr. Petersen when compared to his titles, duties and responsibilities which were in effect immediately prior to such assignment, or (iii) the relocation of National Rural's principal office, or the relocation of Mr. Petersen to a location more than 50 miles from the principal office of National Rural.

Under the executive agreement between Mr. Petersen and RTFC, if RTFC terminates his employment without cause, or if Mr. Petersen terminates his service to RTFC for any reason, or due to his death or disability, RTFC is required to pay a lump sum payment equivalent to the amount in his deferred compensation account. However, the account will be deemed to be continued in effect for the lesser of (i) a period of 12 months, or (ii) the remaining period of the "term of service" of the executive agreement prior to such termination, which is currently February 29, 2012, but in no case less than six months (the "Extended Period") and all credits (payment and interest) outlined in the agreement will continue to be made. If the Extended Period ends other than on a December 31st, when normal interest calculations are made and added to the account, RTFC will further credit the account with simple interest for the period from January 1 to the end of the Extended Period at the same rate that was used to credit interest on the prior December 31st. For details on the value of this compensation payable to Mr. Petersen under the RTFC executive agreement, see the Nonqualified Deferred Compensation Table above.

Under the terms of the agreement, if RTFC terminates his service for cause, the term of service will terminate immediately thereafter, and Mr. Petersen will not be entitled to any payment with respect to the account.

## Mr. Evans

Under the executive agreement with Mr. Evans, if National Rural terminates his employment without cause, Mr. Evans would receive nine months of continued annual base salary in effect at the time of termination, incentive compensation for the additional nine-month period, and nine months of payment for all health and welfare and retirement plans. Assuming a termination date of May 31, 2008, the compensation payable to Mr. Evans for termination without cause would be $\$ 415,174$. The actual payments due for a termination without cause on different dates could materially differ from this estimate.

The estimates do not include amounts to which the named executive officers would be entitled to upon termination, such as base salary to date, unpaid bonuses earned, unreimbursed expenses, paid vacation time and any other earned benefits under company plans.

Director Compensation Table
Directors receive a fixed sum of $\$ 4,000$ for each of the scheduled board meetings attended and $\$ 150$ for each conference call attended. Additionally, the directors receive reimbursement for reasonable travel expenses. The fixed amounts are paid following the conclusion of each board meeting or conference call attended. The following chart summarizes the total fees earned by National Rural directors during the year ended May 31, 2008.

| Name | Fees <br> Earned |  |  | Total |
| :--- | ---: | ---: | :---: | :---: |
| Roger Arthur | $\$ 38,550 \$$ | 38,550 |  |  |
| Darryl Schriver | 37,650 | 37,650 |  |  |
| Reuben McBride | 40,350 | 40,350 |  |  |
| Fred Anderson | 8,000 | 8,000 |  |  |
| Roger A. Ball | 37,800 | 37,800 |  |  |
| Raphael A. | 37,650 | 37,650 |  |  |
| Brumbeloe | 29,350 | 29,350 |  |  |
| Delbert Cranford | 8,150 | 8,150 |  |  |
| Jim L. Doesrstler | 37,950 | 37,950 |  |  |
| Jimmy Ewing Jr. | 41,800 | 41,800 |  |  |
| Harold Foley | 36,750 | 36,750 |  |  |
| Steven J. Haaven | 28,900 | 28,900 |  |  |
| Gary Harrison | 33,500 | 33,500 |  |  |
| Craig A. Harting | 36,150 | 36,150 |  |  |
| Jim Herron | 37,050 | 37,050 |  |  |
| Martin Hillert, Jr. | 32,900 | 32,900 |  |  |
| Terryl Jacobs | 28,300 | 28,300 |  |  |
| Tom Kirby | 4,650 | 41,650 |  |  |
| William A. Kopacz | 4,000 | 4,000 |  |  |
| Burns Mercer | 36,900 | 36,900 |  |  |
| Gale Rettkowski | 8,150 | 8,150 |  |  |
| Dwight Rossow | 36,000 | 36,000 |  |  |
| Ronald P. Salyer | 39,150 | 39,150 |  |  |
| R. Wayne Stratton | 37,950 | 37,950 |  |  |
| J. David Wasson, Jr. |  |  |  |  |
| Charles Wayne | 36,600 | 36,600 |  |  |
| Whitaker | 28,150 | 28,150 |  |  |
| Jack F. Wolfe, Jr. | 32,450 | 32,450 |  |  |
| F. E. Wolski |  |  |  |  |

Compensation Committee Interlocks and Insider Participation
During the year ended May 31, 2008, there were no compensation committee interlocks or insider participation related to executive compensation.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder
Matters.
Inapplicable.
Item 13. Certain Relationships and Related Transactions, and Director Independence.

Review and Approval of Transactions with Related Persons
The Board of Directors has adopted a policy for review and approval in writing and monitoring of transactions involving National Rural and "related persons" (directors and executive officers or their immediate family members). The policy covers any related person transaction that meets the minimum threshold for disclosure under SEC disclosure requirements (generally, transactions involving amounts exceeding $\$ 120,000$ in which a related person had, has or will have a direct or indirect material interest).

Policy and Procedures

- Each director and executive officer is required to promptly notify the General Counsel in writing of any material interest that such person or an immediate family member of such person had, has or will have in a related person transaction.
- The General Counsel of National Rural is responsible for the review, approval or ratification of any related person transaction, unless the General Counsel refers any related person transaction to the Board of Directors for its review, approval or ratification. If such related person transaction involves a director, the director may not participate in the deliberations or vote with respect to such approval or ratification.
- The General Counsel will notify the Board of Directors at each regularly scheduled Board meeting of any action taken by the General Counsel with respect to a related person transaction since the last regularly scheduled meeting of the Board of Directors.
- In the event the General Counsel becomes aware of a related person transaction that has not been approved under the Board policy prior to its consummation, the General Counsel will notify the Board of Directors. The Board of Directors will consider all of the relevant facts and circumstances with respect to such transaction, and will evaluate all options available to National Rural, including ratification, revision or termination of such transaction, and shall take such course of action as the Board of Directors deems appropriate under the circumstances.
- The General Counsel will determine whether a related person has a material interest in a transaction on the basis of the significance of the information to investors in National Rural securities in light of all the circumstances. Factors to be considered in determining whether a related person's interest in a transaction is material may include the importance of the interest to the related person (financially or otherwise), the relationship of the related person to the transaction and of related persons with each other, and the dollar amount involved in the transaction.
- The General Counsel, and where applicable, the Board of Directors, will not approve or ratify a related person transaction unless the General Counsel, or the Board, as the case may be, reasonably determines, based on a review of the available information, that the transaction is fair and reasonable to National Rural and consistent with the best interests of National Rural.
- Factors to be taken into account in making the determination may include (i) the business purpose of the transaction, (ii) whether the transaction is entered into on an arms-length basis on terms fair to National Rural, and (iii) whether such a transaction would violate other National Rural policies.


## Related Person Transactions

See the Summary Compensation Table in Item 11 for a description of compensation paid to Larry Zawalick and John Borak, National Rural's executive officers who are not named executive officers, but meet the definition of a "related person" as described above.

## Independence Determinations

The Board of Directors has determined the independence of each Director based on a review by the full Board. The Audit Committee is subject to the independence requirements of Rule 10A-3 under the Securities Exchange Act. To evaluate the independence of our directors, the Board has voluntarily adopted categorical independence standards consistent with the New York Stock Exchange ("NYSE") standards. However, because we only list debt securities on the NYSE, the Company is not subject to most of the corporate governance listing standards of the NYSE, including the independence requirements.

No Director is considered independent unless the Board has determined that he or she has no material relationship with National Rural, either directly or as a partner, shareholder, or officer of an organization that has a material relationship with National Rural. Material relationships can include banking, legal, accounting, charitable, and familial relationships, among others. A Director is not considered independent if any of the following relationships existed:
(i) the director is, or has been within the last three years, an employee of National Rural, or an immediate family member is, or has been within the last three years, an executive officer of National Rural;
(ii) the director has received, or has an immediate family member who has received, during any twelve-month period within the last three years, more than $\$ 100,000$ in direct compensation from National Rural, other than director and committee fees and pension or other forms of deferred compensation for prior service (provided that such compensation is not contingent in any way on continued service);

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

(iii) (a) the director or an immediate family member is a current partner of a firm that is National Rural's external auditor; (b) the director is a current employee of such a firm; (c) the director has an immediate family member who is a current employee of such a firm and who participates in the firm's audit, assurance or tax compliance (but not tax planning) practice for National Rural; or (d) the director or an immediate family member was within the last three years (but is no longer) a partner or employee of such a firm and personally worked on National Rural's audit within that time;
(iv) the director or an immediate family member is, or has been within the last three years, employed as an executive officer of another company where any of National Rural's present executive officers at the same time serves or served on that company's compensation committee;
(v) the director is a current employee, or an immediate family member is a current executive officer, of a company that has made payments to, or received payments from, National Rural for property or services in an amount which, in any of the last three fiscal years, exceeds the greater of $\$ 1$ million, or $2 \%$ of such other company's consolidated gross revenues.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The Board of Directors also reviewed directors' responses to a questionnaire asking about their relationships with National Rural and its affiliates (and those of their immediate family members) and other potential conflicts of interest.

In reaching a determination that the directors are independent, the Board considered that in addition to the categories or types of transactions described above, loans and guarantees were made to member systems of which directors of National Rural are members, employees, officers or directors. As a cooperative, National Rural was established for the very purpose of extending financing to its members (from whose ranks its directors must be drawn). Loans and guarantees to members with which Directors are affiliated were made in the ordinary course of National Rural business on the same terms, including interest rates and collateral, as those prevailing at the time for comparable transactions with other members and did not involve more than normal risk of uncollectibility or present other unfavorable features. It is anticipated that, consistent with its loan and guarantee policies in effect from time to time, additional loans and guarantees will be made by National Rural to member systems and trade and service organizations of which directors of National Rural are members, employees, officers or directors. National Rural has adopted a policy whereby substantially all extensions of credit to entities related to directors or their immediate family members are approved only by the disinterested directors.

Based on the criteria above, the Board of Directors has determined that the directors listed below are independent for the period of time served by such Directors during fiscal year 2008. The Board determined that none of the directors listed below had any of the relationships listed in (i) - (v) above or any other material relationship that would compromise his or her independence.

## Independent Directors

Roger Arthur
Roger A. Ball
Raphael A. Brumbeloe
Delbert Cranford
Jim L. Doerstler
Jimmy Ewing, Jr. Harold Foley Reuben McBride F. E. Wolski
(1) These directors served during the year ended May 31, 2008, however they were no longer a director at May 31, 2008.

Item 14. Principal Accountant Fees and Services.
The following table summarizes the aggregate professional fees for the audit of the financial statements for the years ended May 31, 2008 and 2007 and fees for other services during that period by Deloitte \& Touche, LLP.

|  | 2008 |  | 2007 |
| :--- | ---: | ---: | ---: |
| Audit fees (1) | $\$$ | $1,641,790$ | $\$ 1,636,815$ |
| Audit-related fees |  | - | - |
| Tax fees (2) | 111,571 | 29,650 |  |
| All other fees (3) | 28,500 | 33,000 |  |
| Total | $\$$ | $1,781,861$ | $\$ 1,699,465$ |

(1) Audit fees in 2008 and 2007 consist of fees for the audit of the consolidated financial statements of National Rural, including RTFC and NCSC in accordance with FIN $46(\mathrm{R})$, totaling $\$ 1,315,450$ and $\$ 1,205,928$, respectively, fees for

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

the preparation of the stand-alone financial statements for RTFC and NCSC totaling \$185,000 and \$242,408, respectively, and fees for the audit of management's assessment of the effectiveness of National Rural's internal control over financial reporting in compliance with Section 404 of the Sarbanes-Oxley Act of 2002 totaling $\$ 0$ and $\$ 24,900$ respectively. Additionally, audit fees in 2008 and 2007 include comfort letter fees and consents related to debt issuances and compliance work required by the independent auditors.
(2) Tax fees consist of assistance with matters related to tax compliance and consulting.
(3) These fees relate to the audit of a trust serviced by National Rural.

National Rural's Audit Committee is solely responsible for the nomination, approval, compensation, evaluation and discharge of the independent public accountants. The independent registered public accountants report directly to the Audit Committee and the Audit Committee is responsible for the resolution of disagreements between management and the independent registered public accountants. Consistent with Securities and Exchange Commission requirements, the Audit Committee has adopted a policy to pre-approve all audit and permissible non-audit services provided by the independent registered public accountants. Under the policy, the Audit Committee's pre-approval for permissible non-audit services is not required if all such services 1) do not aggregate to more than five percent of total revenue paid to the independent registered public accountants in the fiscal year when services are provided, 2) were not recognized as non-audit services at the time of the engagement and 3) are promptly brought to the attention of the Audit Committee and approved by the Audit Committee prior to the completion of the audit. This policy was followed during the years ended May 31, 2008 and 2007. National Rural's independent registered public accountants for the current fiscal year have been appointed by the Audit Committee.

## PART IV

Item 15. Exhibits and Financial Statement Schedules.
(a) Documents filed as a part of this report.

1. Consolidated financial statements Page
Report of Independent Registered Public Accounting ..... 80
Firm
Consolidated Balance Sheets ..... 81
Consolidated Statements of Operations ..... 83
Consolidated Statements of Changes in Equity ..... 84
Consolidated Statements of Cash Flows ..... 85
Notes to Consolidated Financial Statements ..... 87
2. Financial statement schedules

All schedules are omitted because they are not required, are inapplicable or the information is included in the financial statements or notes thereto.
3. Exhibits

| 3.1 | - | Articles of Incorporation. Incorporated by reference to Exhibit 3.1 to Registration Statement No. 2-46018, filed October 12, 1972. |
| :---: | :---: | :---: |
| 3.2 | - | Amended Bylaws as approved by National Rural's board of directors and members on March 1, 2005. Incorporated by reference to Exhibit 3.2 to National Rural's Form 10-Q filed on April 14, 2005. |
| 4.1 | - | Form of Capital Term Certificate. Incorporated by reference to Exhibit 4.3 to Registration Statement No. 2-46018 filed October 12, 1972. |
| 4.2 | - | Indenture dated as of February 15, 1994, between the Registrant and U.S. Bank National Association, successor trustee. Incorporated by reference to Exhibit 4.2 to National Rural's Form 10-Q filed on October 15, 2007. |
| 4.3 | - | Revolving Credit Agreement dated as of March 22, 2006 for $\$ 1,000,000,000$ maturing on March 22, 2011. Incorporated by reference to Exhibit 4.3 to National Rural's Form 10-Q filed on April 14, 2006. |
| 4.4 | - | Revolving Credit Agreement dated as of March 16, 2007 for $\$ 1,125,000,000$ maturing on March 16, 2012. Incorporated by reference to Exhibit 4.4 to National Rural's Form 10-Q filed on April 12, 2007. |
| 4.5 | - | Revolving Credit Agreement dated as of March 14, 2008 for $\$ 1,500,000,000$ expiring on March 13, 2009. Incorporated by reference to Exhibit 4.5 to National Rural's Form 10-Q filed on April 14, 2008. |
| 4.6 | - | Indenture between National Rural and Mellon Bank, N.A., as Trustee. Incorporated by reference to Exhibit 4.1 to Registration Statement on |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Form S-3 filed on November 14, 1995 (Registration No. 33-64231).

| 4.7 |  | Indenture between National Rural and Chemical Bank, as Trustee. Incorporated by reference to Exhibit 4.7 to Amendment No. 1 to Registration Statement on Form S-3 filed on December 15, 1987 (Registration No. 33-34927). |
| :---: | :---: | :---: |
| 4.8 | - | First Supplemental Indenture between National Rural and Chemical Bank, as Trustee. Incorporated by reference to Exhibit 4.8 to Registration Statement on Form S-3 filed on October 1, 1990 (Registration No. 33-58445). |
| 4.9 | - | Bond Purchase Agreement between the Registrant, Federal Financing Bank and Rural Utilities Service dated as of April 28, 2006 for up to $\$ 1,500,000,000$. Incorporated by reference to Exhibit 4.11 to National Rural's Form 10-K filed on August 25, 2006. |
| 4.10 | - | Series B Bond Guarantee Agreement between the Registrant and the Rural Utilities Service dated as of April 28, 2006 for up to $\$ 1,500,000,000$. Incorporated by reference to Exhibit 4.12 to National Rural's Form 10-K filed on August 25, 2006. |
| 4.11 | - | Pledge Agreement dated as of April 28, 2006, between the Registrant, the Rural Utilities Service and U.S. Bank Trust National Association. Incorporated by reference to Exhibit 4.13 to National Rural's Form 10-K filed on August 25, 2006. |
| 4.12 | - | Series B Future Advance Bond from the Registrant to the Federal Financing Bank dated as of April 28, 2006 for up to $\$ 1,500,000,000$ maturing on July 15, 2029. Incorporated by reference to Exhibit 4.14 to National Rural's Form 10-K filed on August 25, 2006. |
| 4.13 | - | Bond Purchase Agreement between the Registrant, Federal Financing Bank and Rural Utilities Service dated as of June 14, 2005 for up to $\$ 1,000,000,000$. Incorporated by reference to Exhibit 4.12 to National Rural's Form 10-K filed on August 24, 2005. |
| 4.14 | - | Series A Bond Guarantee Agreement between the Registrant and the Rural Utilities Service dated as of June 14, 2005 for up to $\$ 1,000,000,000$. Incorporated by reference to Exhibit 4.13 to National Rural's Form 10-K filed on August 24, 2005. |

4.15 - Pledge Agreement dated as of June 14, 2005, between the Registrant, the Rural Utilities Service and U.S. Bank Trust National Association. Incorporated by reference to Exhibit 4.14 to National Rural's Form 10-K filed on August 24, 2005.
4.16 - Series A Future Advance Bond from the Registrant to the Federal Financing Bank dated as of June 14, 2005 for up to $\$ 1,000,000,000$ maturing on July 15, 2028. Incorporated by reference to Exhibit 4.15 to National Rural's Form 10-K filed on August 24, 2005.
4.17 - Note Purchase Agreement dated as of July 28, 2005 for $\$ 500,000,000$ between the Registrant and Federal Agricultural Mortgage Corporation. Incorporated by reference to Exhibit 4.16 to National Rural's Form 10-K filed on August 24, 2005.
4.18 - Pledge Agreement dated as of July 28, 2005, between the Registrant, Federal Agricultural Mortgage Corporation and U.S. Bank Trust National Association. Incorporated by reference to Exhibit 4.17 to National Rural's Form 10-K filed on August 24, 2005.
4.19 - Registration Rights Agreement dated as of July 28, 2005 between the Registrant and Federal Agricultural Mortgage Corporation. Incorporated by reference to Exhibit 4.18 to National Rural's Form 10-K filed on August 24, 2005.
4.20-4.656\% Senior Notes due 2008 dated as of July 29, 2005 from the Registrant to Federal Agricultural Mortgage Corporation. Incorporated by reference to Exhibit 4.19 to National Rural's Form 10-K filed on August 24, 2005.
4.21-Indenture dated as of May 15, 2000, between the Registrant and Bank One Trust Company, National Association, as trustee. Incorporated by reference to Exhibit 4.1 to Registration Statement on Form S-3 filed on May 25, 2000 (Registration No. 333-37940).
4.22 - First Supplemental Indenture dated as of March 12, 2007, between the Registrant and U.S. Bank National Association, as trustee. Incorporated by reference to Exhibit 4.2 to Registration Statement on Form S-3ASR filed on April 19, 2007 (Registration No. 333-142230).
4.23 - Indenture for Clean Renewable Energy Bonds, Tax Credit Series dated as of January 1, 2008, between the Registrant and U.S. Bank Trust National Association. The Indenture has been omitted and will be furnished supplementally to the Securities and Exchange Commission upon request. Incorporated by reference to Exhibit 4.21 to National Rural's Form 10-Q filed on April 14, 2008.
4.24 - Note Purchase Agreement dated as of March 27, 2008, for $\$ 400,000,000$ between the Registrant and Federal Agricultural Mortgage Corporation. Incorporated by reference to Exhibit 4.22 to National Rural's Form 10-Q filed on April 14, 2008.
4.25 - Pledge Agreement dated as of March 27, 2008, between the Registrant, Federal Agricultural Mortgage Corporation and U.S. Bank Trust National Association. Incorporated by reference to Exhibit 4.23 to National Rural's Form 10-Q filed on April 14, 2008.
4.26 - Registration Rights Agreement dated as of March 27, 2008, between the Registrant and Federal Agricultural Mortgage Corporation. Incorporated by reference to Exhibit 4.24 to National Rural's Form 10-Q filed on April 14, 2008.
4.27 - Variable Rate Senior Note due 2013 dated as of March 27, 2008, from the Registrant to Federal Agricultural Mortgage Corporation. Incorporated by reference to Exhibit 4.25 to National Rural's Form 10-Q filed on April 14, 2008.
4.28 - Indenture dated as of October 25, 2007, between the Registrant and U.S. Bank National Association, as trustee. Incorporated by reference to Exhibit 4.1 to Registration Statement on Form S-3ASR filed on October 26, 2007 (Registration No. 333-146960).

- Registrant agrees to furnish to the Commission a copy of all other instruments defining the rights of holders of its long-term debt upon request.


## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

10.1 - Plan Document for National Rural's Deferred Compensation Program amended and restated as of July 1, 2003. Incorporated by reference to Exhibit 10.1 to National Rural's Form 10-K filed on August 24, 2005.
10.2 - Employment Contract between National Rural and Sheldon C. Petersen, effective as of January 1, 2008. Incorporated by reference to Exhibit 10.2 to National Rural's Form 10-Q filed on January 11, 2008.
10.3 - Supplemental Benefit Agreement between Rural Telephone Finance Cooperative and Sheldon C. Petersen, dated as of July 22, 2004. Incorporated by reference to Exhibit 10.3 to National Rural's Form 10-K filed on August 20, 2004.
10.4 - Amended and Restated Supplemental Benefit Agreement between RTFC and Sheldon C. Petersen, dated as of December 4, 2006.
10.5 - First Amendment to Amended and Restated Supplemental Agreement between Rural Telephone Finance Cooperative and Sheldon C. Petersen, effective as of January 1, 2008. Incorporated by reference to Exhibit 10.5 to National Rural's Form 10-Q filed on January 11, 2008.
10.6 - Employment Contract between National Rural and John T. Evans, dated as of September 17, 1997 including termination of employment arrangement. Incorporated by reference to Exhibit 10.4 to National Rural's Form 10-K filed on August 27, 2007.
10.7 - Agreement of Purchase and Sale between National Rural and Loudoun Land Venture, LLC dated as of November 28, 2007. Exhibit C to the Agreement of Purchase and Sale has been omitted and will be furnished supplementally to the Securities and Exchange Commission upon request. Incorporated by reference to Exhibit 10.6 to National Rural's Form 10-Q filed on January 11, 2008.
10.8 - First Amendment to Agreement of Purchase and Sale between National Rural and Loudoun Land Venture, LLC dated as of December 17, 2007. Incorporated by reference to Exhibit 10.7 to National Rural's Form 10-Q filed on January 11, 2008.
10.9 - Second Amendment to Agreement of Purchase and Sale between National Rural and Loudoun Land Venture, LLC dated as of December 21, 2007. Exhibits A and C to the Second Amendment to Agreement of Purchase and Sale have been omitted and will be furnished supplementally to the Securities and Exchange Commission upon request. Incorporated by reference to Exhibit 10.8 to National Rural's Form 10-Q filed on January 11, 2008.
10.10 - Agreement of Purchase and Sale between National Rural and DTC Partners, LLC dated as of May 2, 2008. Exhibits A, E and G to the Agreement of Purchase and Sale have been omitted and will be furnished supplementally to the Securities and Exchange Commission upon request.
10.11 - First Amendment to Agreement of Purchase and Sale between National Rural and DTC Partners, LLC dated as of June 30, 2008.
10.12 - Second Amendment to Agreement of Purchase and Sale between National Rural and DTC Partners, LLC dated as of July 29, 2008.
12 - Computations of ratio of margins to fixed charges.
14.1 - Ethics Policy for CEO and Senior Financial Officers. Incorporated by reference to Exhibit 14.1 to National Rural's Form 10-Q filed on October 14, 2004.

23 - Consent of Deloitte \& Touche LLP.
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 Section 13 or 15(d) 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, in the County of Fairfax, Commonwealth of Virginia, on the 29th day of August 2008.

NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

By: /s/ SHELDON C. PETERSEN
Sheldon C. Petersen
Governor and Chief Executive Officer
Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the date indicated.

| Signature | Title | Date |
| :---: | :---: | :---: |
| /s/ SHELDON C. PETERSEN | Governor and Chief Executive Officer |  |
| Sheldon C. Petersen |  |  |
| /s/ STEVEN L. LILLY | Senior Vice President and Chief Financial |  |
| Steven L. Lilly | Officer |  |
| /s/ ROBERT E. GEIER Robert E. Geier | Vice President and Controller |  |
| /s/ ROGER ARTHUR Roger Arthur | President and Director |  |
| /s/ DARRYL SCHRIVER Darryl Schriver | Vice President and Director |  |
| /s/ REUBEN MCBRIDE Reuben McBride | Secretary-Treasurer and Director |  |
| /s/ FRED ANDERSON Fred Anderson | Director |  |
| /s/ ROGER A. BALL Roger A. Ball | Director | August 29, 2008 |
| /s/ RAPHAEL A. BRUMBELOE <br> Raphael A. Brumbeloe | Director |  |

/s/ DELBERT CRANFORD Director
/s/ JIM L. DOERSTLER
Director
Jim L. Doerstler
/s/ JIMMY EWING, JR.
Jimmy Ewing, Jr.
/s/ HAROLD FOLEY
Harold Foley
/s/ STEVEN J. HAAVEN
Director

| Signature | Title | Date |
| :---: | :---: | :---: |
| /s/ JIM HERRON | Director |  |
| Jim Herron |  |  |
| /s/ MARTIN HILLERT, JR. Martin Hillert, Jr. | Director |  |
| /s/ WILLIAM A. KOPACZ William A. Kopacz | Director |  |
| /s/ BURNS E. MERCER Burns E. Mercer | Director |  |
| /s/ GALE RETTKOWSKI Gale Rettkowski | Director | August 29, 2008 |
| /s/ DWIGHT ROSSOW Dwight Rossow | Director |  |
| /s/ RONALD P. SALYER Ronald P. Salyer | Director |  |
| /s/ R. WAYNE STRATTON <br> R. Wayne Stratton | Director |  |
| /s/ J. DAVID WASSON, JR. <br> J. David Wasson, Jr. | Director |  |
| /s/ CHARLES WAYNE WHITAKER <br> Charles Wayne Whitaker | Director |  |
| /s/ JACK F. WOLFE, JR. Jack F. Wolfe, Jr. | Director |  |
| /s/ F. E. WOLSKI <br> F. E. Wolski | Director |  |

## REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Members of National Rural Utilities Cooperative Finance Corporation
Herndon, Virginia
We have audited the accompanying consolidated balance sheets of National Rural Utilities Cooperative Finance Corporation and subsidiaries (the "Company") as of May 31, 2008 and 2007, and the related consolidated statements of operations, changes in equity, and cash flows for each of the three years in the period ended May 31, 2008. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such consolidated financial statements present fairly, in all material respects, the financial position of National Rural Utilities Cooperative Finance Corporation and subsidiaries as of May 31, 2008 and 2007, and the results of their operations and their cash flows for each of the three years in the period ended May 31, 2008, in conformity with accounting principles generally accepted in the United States of America.

## /s/ DELOITTE \& TOUCHE LLP

McLean, Virginia
August 27, 2008

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## CONSOLIDATED BALANCE SHEETS

May 31, 2008 and 2007
(in thousands)
A S S ETS

|  | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
| Cash and cash equivalents | \$ | 177,809 | \$ | 304,107 |
| Restricted cash |  | 14,460 |  | 2,032 |
| Loans to members |  | 19,029,040 |  | 8,131,873 |
| Less: Allowance for loan losses |  | $(514,906)$ |  | $(561,663)$ |
| Loans to members, net |  | 18,514,134 |  | 7,570,210 |
| Accrued interest and other receivables |  | 258,315 |  | 291,637 |
| Fixed assets, net |  | 21,045 |  | 4,555 |
| Debt service reserve funds |  | 54,993 |  | 54,993 |
| Bond issuance costs, net |  | 39,618 |  | 45,611 |
| Foreclosed assets |  | 58,961 |  | 66,329 |
| Derivative assets |  | 220,514 |  | 222,774 |
| Other assets |  | 19,532 |  | 12,933 |
|  | \$ | 19,379,381 |  | 8,575,181 |

See accompanying notes.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## CONSOLIDATED BALANCE SHEETS

May 31, 2008 and 2007
(in thousands)

## LIABILITIES AND EQUITY

|  | 2008 | 2007 |
| :---: | :---: | :---: |
| Short-term debt | \$ 6,327,453 | \$ 4,427,123 |
| Accrued interest payable | 244,299 | 281,458 |
| Long-term debt | 10,173,587 | 11,295,219 |
| Deferred income | 21,971 | 27,990 |
| Guarantee liability | 15,034 | 18,929 |
| Other liabilities | 27,216 | 27,611 |
| Derivative liabilities | 171,390 | 71,934 |
| Subordinated deferrable debt | 311,440 | 311,440 |
| Members' subordinated certificates: |  |  |
| Membership subordinated certificates | 649,465 | 649,424 |
| Loan and guarantee subordinated certificates | 757,314 | 732,023 |
| Total members' subordinated certificates | 1,406,779 | 1,381,447 |
| Commitments and contingencies |  |  |
| Minority interest | 14,247 | 21,989 |
| Equity: |  |  |
| Retained equity | 657,138 | 697,837 |
| Accumulated other comprehensive income | 8,827 | 12,204 |
| Total equity | 665,965 | 710,041 |
|  | \$ 19,379,381 | \$18,575,181 |

See accompanying notes.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## CONSOLIDATED STATEMENTS OF OPERATIONS

(in thousands)
For the Years Ended May 31, 2008, 2007 and 2006

|  | 2008 |  | 2007 |  | 2006 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest income | \$ | 1,069,540 | \$ | 1,054,224 | \$ | 1,007,912 |
| Interest expense |  | $(936,889)$ |  | $(996,730)$ |  | $(975,936)$ |
| Net interest income |  | 132,651 |  | 57,494 |  | 31,976 |
| Recovery of (provision for) loan losses |  | 30,262 |  | 6,922 |  | $(23,240)$ |
| Net interest income after recovery of (provision for) loan losses |  | 162,913 |  | 64,416 |  | 8,736 |
| Non-interest income: |  |  |  |  |  |  |
| Rental and other income |  | 1,461 |  | 1,533 |  | 2,398 |
| Derivative cash settlements |  | 27,033 |  | 86,442 |  | 80,883 |
| Results of operations of foreclosed assets |  | 7,528 |  | 9,758 |  | 15,492 |
| Gain on sale of building and land |  | - |  | - |  | 43,431 |
| Total non-interest income |  | 36,022 |  | 97,733 |  | 142,204 |
| Non-interest expense: |  |  |  |  |  |  |
| Salaries and employee benefits |  | $(36,428)$ |  | $(33,817)$ |  | $(31,494)$ |
| Other general and administrative expenses |  | $(24,041)$ |  | $(18,072)$ |  | $(20,595)$ |
| Recovery of guarantee liability |  | 3,104 |  | 1,700 |  | 700 |
| Market adjustment of foreclosed assets |  | $(5,840)$ |  | - |  | - |
| Derivative forward value |  | $(98,743)$ |  | $(79,281)$ |  | 28,805 |
| Foreign currency adjustments |  | - |  | $(14,554)$ |  | $(22,594)$ |
| Loss on sale of loans |  | (676) |  | $(1,584)$ |  | - |
| Total non-interest expense |  | $(162,624)$ |  | $(145,608)$ |  | $(45,178)$ |
| Income prior to income taxes and minority interest |  | 36,311 |  | 16,541 |  | 105,762 |
| Income tax benefit (expense) |  | 3,335 |  | $(2,396)$ |  | $(3,176)$ |
| Income prior to minority interest |  | 39,646 |  | 14,145 |  | 102,586 |

Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

| Minority interest, net of income taxes | 6,099 |  | $(2,444)$ |  | $(7,089)$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Net income | $\$$ | 45,745 | $\$$ | 11,701 | $\$$ |

See accompanying notes.

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

 CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY(in thousands)
For the Years Ended May 31, 2008, 2007 and 2006

|  | AccumulatedOtherComprehensive(Loss)TotalIncome |  | Subtotal ve RetainedM <br> Equity | embers <br> Fees | iDnallocated <br> Net Income | Education <br> Fund | Members' <br> Capital <br> Reserve | Patron Al General Reserve Fund | e Capital cated <br> Other |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Balance as of <br> May 31, 2005 | \$764,934 | \$ 15,621 | \$749,313 | \$ 993 | \$225,730 | \$1,200 | \$ 164,067 | \$497 | \$356,826 |
| Patronage capital retirement | $(72,912)$ | - | $(72,912)$ |  | - | - | - | - | $(72,912)$ |
| Income prior to income taxes and minority interest | 105,762 | - | 105,762 | - | 10,384 | 780 | - | - | 94,598 |
| Other comprehensive loss | $(2,413)$ | $(2,413)$ | - | - | - | - | - | - | - |
| Income tax expense | $(3,176)$ | - | $(3,176)$ | - | $(3,176)$ | - | - | - | - |
| Minority interest | $(7,089)$ | - | $(7,089)$ |  | $(7,089)$ |  | - |  |  |
| Other | (698) | - | (698) | 1 | - | (699) | $(7,223)$ | - | 7,223 |
| Balance as of May 31, 2006 | \$784,408 | \$ 13,208 | \$771,200 | \$ 994 | \$225,849 | \$1,281 | \$156,844 | \$497 | \$385,735 |
| Patronage capital retirement | $(84,247)$ | - | $(84,247)$ | - | - | - | - | - | $(84,247)$ |
| Income prior to income taxes and minority interest | 16,541 | - | 16,541 | - | $(89,481)$ | 945 | 1,464 | 1 | 103,612 |
| $\begin{aligned} & \text { Other } \\ & \text { comprehensive } \\ & \text { loss } \end{aligned}$ | $(1,004)$ | $(1,004)$ | - | - | - | - | - | - | - |
| Income tax expense | $(2,396)$ | - | $(2,396)$ | - | $(2,396)$ | - | - | - | - |
| Minority interest | $(2,444)$ | - | $(2,444)$ |  | $(2,444)$ | - | - | - |  |
| Other | (817) | - | (817) | 3 | - | (820) | - | - | - |
| Balance as of May 31, 2007 | \$710,041 | \$ 12,204 | \$697,837 | \$ 997 | \$ 131,528 | \$1,406 | \$158,308 | \$498 | \$405,100 |
| Patronage capital retirement | $(85,494)$ | - | $(85,494)$ | - | - | - | - |  | $(85,494)$ |
| Income prior to income taxes and minority interest | 36,311 | - | 36,311 | - | $(96,959)$ | 1,024 | 29,061 | (2) | 103,187 |

Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K
Other
comprehensive

| loss | $(3,377)$ | $(3,377)$ | - | - | - | - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income tax |  |  |  |  |  |  |  |  |  |
| benefit | 3,335 | - | 3,335 | - | 3,335 | - | - | - |  |
| Minority interest | 6,099 | - | 6,099 | - | 6,099 | - |  |  | - |
| Other | (950) | - | (950) | (4) |  | (946) | 40 |  | (40) |
| Balance as of May 31, 2008 | \$665,965 | \$ 8,827 | \$657,138 | \$ 993 | \$ 44,003 | \$ 1,484 | \$187,409 | \$496 | \$422,753 |

See accompanying notes.

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS 

(in thousands)
For the Years Ended May 31, 2008, 2007 and 2006

|  | 2008 | 2007 | 2006 |
| :---: | :---: | :---: | :---: |
| CASH FLOWS FROM OPERATING ACTIVITIES: |  |  |  |
| Net income | \$ 45,745 | 11,701 | \$ 95,497 |
| Add (deduct): |  |  |  |
| Amortization of deferred income | $(6,954)$ | $(12,248)$ | $(14,444)$ |
| Amortization of bond issuance costs and deferred charges | 16,241 | 17,406 | 12,124 |
| Depreciation | 2,274 | 2,182 | 2,154 |
| (Recovery of) provision for loan losses | $(30,262)$ | $(6,922)$ | 23,240 |
| Recovery of guarantee liability | $(3,104)$ | $(1,700)$ | (700) |
| Results of operations of foreclosed assets | $(7,528)$ | $(9,758)$ | $(15,492)$ |
| Market adjustment on foreclosed assets | 5,840 | - | - |
| Derivative forward value | 98,743 | 79,281 | $(28,805)$ |
| Foreign currency adjustments | - | 14,554 | 22,594 |
| Gain on sale of building and land | - | - | $(43,431)$ |
| Loss on sale of loans | 676 | 1,584 | - |
| Restricted interest earned on restricted cash | (123) | - | - |
| Changes in operating assets and liabilities: |  |  |  |
| Accrued interest and other receivables | 24,816 | 27,203 | $(12,626)$ |
| Accrued interest payable | $(37,159)$ | $(21,501)$ | 28,895 |
| Other | $(7,696)$ | (702) | 4,902 |
| Net cash provided by operating activities | 101,509 | 101,080 | 73,908 |
| CASH FLOWS FROM INVESTING ACTIVITIES: |  |  |  |
| Advances made on loans | $(8,013,327)$ | $(7,228,143)$ | $(6,162,154)$ |
| Principal collected on loans | 7,019,075 | 7,052,334 | 6,768,252 |
| Net investment in fixed assets | $(17,253)$ | (591) | $(4,665)$ |
| Net cash provided by foreclosed assets | 9,056 | 63,831 | 6,401 |
| Net proceeds from sale of foreclosed assets | - | 487 | 29,152 |
| Net proceeds from sale of building and land | - | - | 83,428 |
| Net proceeds from sale of loans | 73,972 | 364,100 | - |
| Change in restricted cash | $(12,428)$ | - | - |
| Net cash (used in) provided by investing activities | $(940,905)$ | 252,018 | 720,414 |
| CASH FLOWS FROM FINANCING ACTIVITIES: |  |  |  |
| Proceeds from (repayments of) issuances of short-term debt, net | 265,645 | $(470,591)$ | $(1,005,995)$ |
| Proceeds from issuance of long-term debt, net | 2,061,744 | 2,066,332 | 3,792,566 |
| Payments for retirement of long-term debt | $(1,380,423)$ | $(1,645,848)$ | $(3,580,731)$ |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

| Payments for retirement of subordinated deferrable <br> debt | $(175,000)$ | $(150,000)$ | $(48,560)$ |
| :--- | :---: | :---: | :---: |
| Proceeds from issuance of members' subordinated <br> certificates | 76,589 | 45,605 | 77,081 |
| Payments for retirement of members' subordinated <br> certificates | $(48,308)$ | $(68,319)$ | $(113,819)$ |
| Payments for retirement of patronage capital | $(77,378)$ | $(74,094)$ | $(57,328)$ |
| Payments for retirement of RTFC patronage capital | $(9,771)$ | $(12,414)$ | $(15,712)$ |
| Net cash provided by (used in) financing activities | 713,098 | $(309,329)$ | $(952,498)$ |
| NET (DECREASE) INCREASE IN CASH AND | $(126,298)$ | 43,769 | $(158,176)$ |
| CASH EQUIVALENTS | 304,107 | 260,338 | 418,514 |
| BEGINNING CASH AND CASH EQUIVALENTS | $\$$ | 177,809 | $\$$ |
| ENDING CASH AND CASH EQUIVALENTS |  | 304,107 | $\$$ |

See accompanying notes.

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS 

(in thousands)

For the Years Ended May 31, 2008, 2007 and 2006

|  |  | 2008 | 2007 |  | 2006 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION: |  |  |  |  |  |
| Cash paid during year for interest | \$ | 957,806 | \$1,000,826 | \$ | 945,303 |
| Cash paid for income taxes |  | 1,429 | 1,376 |  | 760 |
| Non-cash financing and investing activities: |  |  |  |  |  |
| Patronage capital applied against loan balances | \$ | - | \$ | \$ | 1,829 |
| Minority interest patronage capital applied against loan balances |  | - | - |  | 1,689 |
| Net decrease in debt service reserve funds/debt service |  |  |  |  |  |
| reserve certificates |  | - | $(25,166)$ |  | $(13,023)$ |

See accompanying notes.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(1) General Information and Accounting Policies
(a) General Information

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 1,538 as of May 31, 2008 including 898 utility members, the majority of which are consumer-owned electric cooperatives, 511 telecommunications members, 66 service members and 63 associates in 49 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.

## (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

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

("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 through December 1, 2016. Under a guarantee agreement, RTFC pays National Rural a fee in exchange for which National Rural reimburses RTFC for 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 which National Rural reimburses NCSC for loan losses, excluding losses in the

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

consumer loan program. All loans that require NCSC board approval also require National Rural approval. National Rural controls the nomination process for one 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 May 31, 2008, National Rural had guaranteed $\$ 265$ million of NCSC debt and derivative instruments with third parties. The maturities for NCSC debt guaranteed by National Rural run through 2022. As of May 31, 2008, National Rural's maximum potential exposure totaled $\$ 281$ million related to guarantees of NCSC debt and derivatives. Guarantees related to NCSC debt and derivative instruments are not included in Note 13 at May 31, 2008 as the debt and derivatives are reported on the consolidated balance sheet. At May 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 May 31, 2008, RTFC had total assets of $\$ 1,909$ million including loans outstanding to members of $\$ 1,727$ million and NCSC had total assets of $\$ 458$ million including loans outstanding of $\$ 414$ million. At May 31, 2008 and 2007, National Rural had committed to lend RTFC up to $\$ 4$ billion of which $\$ 2$ billion was outstanding at both period ends. At May 31, 2008, National Rural had committed to provide credit to NCSC of up to $\$ 1$ billion. At May 31, 2008, National Rural had provided a total of $\$ 450$ million of credit to NCSC, representing $\$ 185$ million of outstanding loans and $\$ 265$ million of credit enhancements.

National Rural established limited liability corporations and partnerships to hold foreclosed assets and effect loan securitization transactions. National Rural has full ownership and control of all such companies 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.

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)

Cash and Cash Equivalents
The Company includes cash, certificates of deposit and other investments with remaining maturities of less than 90 days as cash and cash equivalents.

Restricted Cash
Restricted cash represents cash and cash equivalents for which use is contractually restricted. Restricted cash is disclosed separately on the balance sheet. At May 31, 2008, the Company has four different contractual restrictions on the use of certain cash. Three of the restricted cash accounts totaling $\$ 12$ million are related to the issuance of the Clean Renewable Energy Bonds ("CREBs") in February 2008. The fourth restricted cash account represents cash pledged as collateral for collateral trust bonds issued under the Company's 1972 indenture. At May 31, 2007, the \$2

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

million of cash pledged as collateral under the 1972 indenture was the only restricted cash, which was classified in other assets due to immateriality.

Restricted cash at May 31, 2008 represents:

- cash proceeds from the issuance of CREBs that may only be used for the funding of CREBs loan advances to participating members to reimburse them for costs related to qualifying projects;
- cash proceeds from the issuance of CREBs that may only be used to reimburse the Company for the costs of issuing the CREBs;
- cash from principal payments from members on CREBs loans that may only be used to make debt service payments to bond investors; and
- cash held as collateral for the Company's collateral trust bonds issued under the 1972 indenture.

The Company uses the proceeds from the issuance of CREBs to make loans to borrowers for the construction, refinancing, and reimbursement of capital expenditures related to qualified projects. These funds may be invested by the Company. The interest earned is restricted and may only be used to fund qualifying projects.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

The Company also uses the proceeds from the issuance of CREBs to cover all costs associated with the issuance of the CREBs. These funds are held by the trustee and may only be released to the Company to cover the cost of issuance. The Company must submit invoices to support the issuance costs for which it is seeking reimbursement. These funds may be invested by the Company. The interest earned is restricted and may only be used to cover issuance expenses and to fund qualifying projects.

The Company collects principal and interest payments from borrowers quarterly. The Company may withdraw the interest collected on CREBs loans at any time. The principal collected on CREBs loans may only be used to repay principal to bond investors. These funds may be invested by the Company. The interest earned is not restricted and may be withdrawn by the Company at any time.

At May 31, 2008 and 2007, $\$ 2$ million of cash was pledged to secure the Company's collateral trust bonds under the 1972 indenture. This cash is classified in restricted cash because the funds are pledged with the Company's collateral trust bond trustee. These funds may be invested by the Company. The interest earned is not restricted and may be withdrawn by the Company at any time.

Interest for which use is contractually restricted earned on restricted cash accounts is presented as an investing activity in the statement of cash flows. Interest for which use is not contractually restricted on restricted cash accounts is presented as an operating activity in the statement of cash flows. Changes in the principal balances of restricted cash accounts are reported as investing activities in the statement of cash flows.
(e) Loan Securitizations

The Company accounts for the sale of loans in securitization transactions according to the provisions of Statement of Financial Accounting Standards ("SFAS") 140, Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities, as amended. The Company derecognizes financial assets when control has been surrendered. The Company has no retained interest in securitized loans. The Company services the loans in return for a market fee and therefore does not record a servicing asset or liability. The Company recognizes the service fee on an accrual basis over the period for which servicing activity is provided. Deferred transactions costs and unamortized deferred loan origination costs related to the loans sold are included in the calculation of the gain or loss on the sale.

## (f) 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, which are estimated 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.

Management makes recommendations of loans to be written off to the board of directors of National Rural. In making its recommendation to write 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 years ended May 31:

| (in thousands) | 2008 | 2007 | 2006 |
| :--- | ---: | ---: | ---: |
| Balance at beginning of year | $\$ 561,663$ | $\$ 611,443$ | $\$ 589,749$ |
| (Recovery of) provision for loan | $(30,262)$ | $(6,922)$ | 23,240 |
| losses | $(16,911)$ | $(44,668)$ | $(2,197)$ |
| Write-offs | 416 | 1,810 | 651 |
| Recoveries | $\$ 514,906$ | $\$ 561,663$ | $\$ 611,443$ |
| Balance at end of year |  |  |  |

## (g) Non-performing Loans

The Company classifies a borrower as non-performing when any one of the following criteria are 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.


# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

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. The Company generally applies all cash received during the non-accrual period to the reduction of principal, thereby foregoing interest income recognition. The decision to return a loan to accrual status is determined on a case by case basis.
(h)

Impairment of Loans
The Company reviews the loan portfolio on a quarterly basis for impairments. A loan is considered to be impaired when the Company does not expect to collect all principal and interest payments as scheduled per the original loan terms other than an insignificant delay or an insignificant shortfall in amount. The Company calculates impairment of loans receivable by comparing the present value of the estimated future cash flows associated with the loan discounted at the interest rate on the loans at the time the loans became impaired and/or the estimated fair value of the collateral securing the loan to the recorded investment in the loan in accordance with the provisions of SFAS 114, Accounting by Creditors for Impairment of a Loan - an Amendment of SFAS 5 and SFAS 15, as amended. Loss reserves are specifically recorded based on the calculated impairment.
(i) Fixed Assets

Land, furniture and fixtures and related equipment are stated at cost less accumulated depreciation and amortization of $\$ 11$ million and $\$ 10$ million as of May 31, 2008 and 2007, respectively. Depreciation expense ( $\$ 2$ million in fiscal years 2008, 2007 and 2006) is computed primarily on the straight-line method over estimated useful lives ranging from 2 to 40 years.

## (j) Foreclosed Assets

The Company records foreclosed assets received in satisfaction of loan receivables at fair value or fair value less costs to sell and maintains these assets on the consolidated balance sheets as foreclosed assets. Generally, it is the Company's intent to sell foreclosed assets. The Company evaluates whether assets meet the conditions to qualify for assets held for sale under SFAS 144, Accounting for the Impairment or Disposal of Long-Lived Assets on a case by case basis. If the foreclosed assets qualify as assets held for sale, the Company records such assets at the lower of the carrying amount or fair value at each reporting date with changes for the period recorded in the consolidated statement of operations. Gains for any subsequent increase in fair value may not exceed the cumulative loss recognized for previous write-downs to fair value. If the assets do not qualify as assets held for sale, the Company periodically evaluates such assets for impairment. Any loss due to impairment for the period is recorded in the consolidated statement of operations and establishes a new cost basis. If applicable, no depreciation is recorded on such foreclosed assets. The results of operations from foreclosed assets are shown separately on the consolidated statements of operations.

## (k) Derivative Financial Instruments

The Company is neither a dealer nor a trader in derivative financial instruments. The Company uses interest rate, cross currency and cross currency interest rate exchange agreements to manage its interest rate and foreign currency exchange risk.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

In accordance with SFAS 133, Accounting for Derivative Instruments and Hedging Activities, and SFAS 138, Accounting for Certain Derivative Instruments and Certain Hedging Activities, an amendment of SFAS 133, the Company records derivative instruments on the consolidated balance sheets as either an asset or liability measured at fair value. In recording the fair value of its derivative assets and liabilities, the Company does not net its positions under contracts with individual counterparties. Changes in the fair value of derivative instruments are recognized in the derivative forward value line of the consolidated statements of operations unless specific hedge accounting criteria are met. The change to the fair value is recorded to other comprehensive income if cash flow hedge accounting criteria are met. In the case of certain foreign currency exchange agreements that meet hedge accounting criteria, the change in fair value is recorded to other comprehensive income and then reclassified to offset the related change in the dollar value of foreign denominated debt in the consolidated statements of operations. The Company formally documents, designates, and assesses the effectiveness of transactions that receive hedge accounting.

Net settlements for derivative instruments that qualify for hedge accounting are recorded in interest expense. The Company records net settlements related to derivative instruments that do not qualify for hedge accounting in derivative cash settlements.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## (1) Guarantee Liability

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. The Company records a guarantee liability which represents its contingent and non-contingent exposure related to its guarantees of its members' debt obligations. The Company's contingent guarantee liability is based on management's estimate of the Company's exposure to losses within the guarantee portfolio. The Company uses factors such as borrower risk rating, remaining maturity, corporate bond default probabilities and historical recovery rates in estimating its contingent guarantee liability. Adjustments to the contingent guarantee liability are recorded in the Company's provision for guarantee losses. The Company has recorded a non-contingent guarantee liability for all new or modified guarantees 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 Company's non-contingent guarantee liability represents the Company's obligation to stand ready to perform pursuant to the terms of its guarantees that it has entered into since January 1, 2003. The Company's non-contingent obligation is estimated based on guarantee fees charged for guarantees issued, which represents management's estimate of the fair value of its obligation to stand ready to perform. The fees are deferred and amortized using the straight-line method into interest income over the term of the guarantee.
(m) Amortization of Bond Discounts and Bond Issuance Costs

Bond discounts and bond issuance costs are deferred and amortized as interest expense using the effective interest method or a method approximating the effective interest method over the initial legal maturity of each bond issue.

## (n) Membership Fees

Members are charged a one-time membership fee based on member class. National Rural distribution system members, power supply system members and national associations of cooperatives pay a $\$ 1,000$ membership fee. National Rural service organization members pay a $\$ 200$ membership fee. National Rural associates pay a $\$ 1,000$ fee. RTFC voting members pay a $\$ 1,000$ membership fee. RTFC associates pay a $\$ 100$ fee. NCSC members pay a $\$ 100$ membership fee. Membership fees are accounted for as members' equity.
(o) Financial Instruments with Off-Balance Sheet Risk

In the normal course of business, the Company is a party to financial instruments with off-balance sheet risk to meet the financing needs of its member borrowers. These financial instruments include commitments to extend credit, standby letters of credit and guarantees of members' obligations. The expected inherent loss related to the Company's off-balance sheet financial instruments is covered in its guarantee liability.
(p) Interest Income

Interest income includes the following for the years ended May 31:

| (in thousands) | 2008 | 2007 | 2006 |  |
| :--- | :--- | :--- | :--- | :--- |
| Interest on long-term fixed rate loans (1) | $\$$ | 872,488 | $\$$ | 833,247 |


| Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K |  |  |  |
| :--- | ---: | ---: | ---: |
| Interest on long-term variable rate loans (1) | 86,787 | 114,786 | 153,613 |
| Interest on short-term loans (1) | 77,145 | 72,632 | 57,636 |
| Interest on investments (2) | 7,394 | 9,662 | 10,391 |
| Conversion fees (3) | 6,670 | 9,162 | 14,444 |
| Make-whole and prepayment fees (4) | 10,759 | 4,748 | 5,409 |
| Commitment and guarantee fees (5) | 5,109 | 9,161 | 6,488 |
| Other fees | 3,188 | 826 | 313 |
| $\quad$ Total interest income | $\$ 1,069,540$ | $\$ 1,054,224$ | $\$ 1,007,912$ |

(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 prorata basis according to the amount of the loan commitment that is advanced. Such refundable fees are deferred and then recognized on a prorata 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 charged based on the amount, type and term of the guarantee. Guarantee fees are deferred and amortized using the straight-line method into interest income over the life of the guarantee.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

Deferred income on the consolidated balance sheets is comprised primarily of deferred conversion fees totaling $\$ 20$ million and $\$ 25$ million at May 31, 2008 and 2007, respectively.

## (q) Interest Expense

Interest expense includes the following for the years ended May 31:

| (in thousands) | 2008 | 2007 | 2006 |
| :--- | :---: | :---: | :---: |
| Interest expense - commercial paper and | $\$ 122,786$ | $\$$ | 178,687 |
| bid notes (1) |  |  | $\$ 133,035$ |
| Interest expense - medium-term notes (1) | 330,193 | 363,760 | 409,454 |
| Interest expense - collateral trust bonds (1) | 243,579 | 218,523 | 271,980 |
| Interest expense - subordinated deferrable | 19,663 | 33,089 | 45,349 |
| debt (1) | 48,717 | 47,852 | 47,017 |
| Interest expense - subordinated certificates | 136,779 | 118,722 | 46,201 |
| $(1)$ |  |  | 9,662 |
| Interest expense - long-term private debt | 9,605 | 12,328 | 2,278 |
| (1) | 17,915 | - | 10,595 |
| Debt issuance costs (2) | 5,509 | 4,806 | $(1,907)$ |
| Derivative cash settlements, net $(3)$ | 2,143 | 2,940 | 2,272 |
| Commitment and guarantee fees (4) | $\$ 936,889$ | 996,730 | $\$ 975,936$ |

(1) Represents interest expense and the amortization of discounts on debt.
(2) Includes amortization of all deferred charges related to debt issuance, 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) Represents the net cost related to swaps that qualify for hedge accounting treatment plus the accrual from the date of the last settlement to the current period end.
(4) 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.
(5) Represents the gain or loss on the early retirement of debt including the write-off of unamortized discount, premium and issuance costs.

The Company does not include indirect costs, if any, related to funding activities in interest expense.

## (r) Income Taxes

While National Rural is exempt under Section 501(c)(4) of the Internal Revenue Code, it is subject to tax on its unrelated business taxable income. RTFC is allowed to exclude the amount of the net income that it allocates to its members. Approximately $99 \%$ of the RTFC net income is allocated to its members annually. NCSC pays tax on the
full amount of its net income.

The income tax expense recorded in the consolidated statement of operations for the years ended May 31, 2008, 2007 and 2006 represents the income tax expense for RTFC and NCSC at the combined federal and state of Virginia income tax rate of approximately $38 \%$. Additionally, any fines or penalties assessed against RTFC and NCSC are recorded in income tax expense.

## (s) Allocation of Net Income

National Rural is required by the District of Columbia cooperative law to have a methodology to allocate its net income to its members. Annually, National Rural's board of directors allocates its net earnings, which is net income excluding certain non-cash adjustments, 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 allocates a small portion, less than $1 \%$, of net earnings annually to the education fund to further the teaching of cooperative principles as required by cooperative law. 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 will determine the amount of net earnings that is allocated to the members' capital reserve, if any. The members' capital reserve represents net earnings 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 annually 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

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

in the year in which such net earnings were reported. 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 disbursements from the education fund.
(t) Comprehensive Income

Comprehensive income includes the Company's net income, as well as other comprehensive income related to derivatives. Comprehensive income for the years ended May 31, 2008, 2007 and 2006 is calculated as follows:

| (in thousands) | 2008 |  | 2007 | 2006 |
| :--- | :---: | :---: | :---: | :---: |
| Net income | $\$ 45,745$ | $\$$ | 11,701 | $\$ 95,497$ |
| Other comprehensive income: |  |  |  |  |
| $\quad$Unrealized loss on derivatives | $(3,377)$ |  | $(1,004)$ | $(2,639)$ |
| Reclassification adjustment for realized (gains) <br> losses on derivatives <br> Comprehensive income | $\$ 42,368$ | $\$$ | 10,697 | $\$ 93,084$ |

## (u) Operating Lease Obligations

On October 18, 2005, the Company entered into an agreement to lease 107,228 square feet of office, meeting and storage space in two office buildings located in Herndon, Virginia. The lease is for three years, terminating on October 17, 2008. In September 2007, the Company exercised the option to extend the lease for an additional one-year period. The Company has the option to extend the lease for an additional one-year period in fiscal year 2009. The terms of these extensions are similar to the initial three-year lease. The Company had previously owned these two buildings which were sold at the commencement of the agreement (see Note 16).

The following represents the future minimum lease payments related to the Company's three-year lease of office space for the years ended May 31:

| (in thousands) | 2009 | 2010 |
| :--- | :---: | :---: |
| Lease Payments (1) | $\$ 3,301$ | $\$ 1,484$ |

(1) In September 2007, the Company exercised the option to extend the lease for an additional one-year period. Assuming the Company exercises the option to extend the lease for an additional one-year period in fiscal year 2009, the future minimum lease payments for fiscal years 2010 and 2011 would increase to $\$ 3,503$ thousand and $\$ 1,505$ thousand, respectively.

Contingent rental payments may be due if the building operating expenses exceed the base year amount included in the lease agreement. The Company would be required to pay contingent rental payments based on the amount of space leased in the building divided by total rentable space in the building times the amount that operating expenses exceeded the base year amount in the lease agreement. To date, the Company has not been required to make contingent rental payments.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The Company recognizes rental expense on a straight-line basis, which requires taking the total scheduled payments and dividing by the number of months in the lease term. During the years ended May 31, 2008, 2007 and 2006, the Company recognized rental expense of $\$ 3$ million, $\$ 3$ million and $\$ 2$ million, respectively.
(v) Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States 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.

93

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## (w) Reclassifications

Reclassifications of prior period amounts have been made to conform to the current reporting format for the following two items. The May 31, 2007 balance of deferred loan origination costs totaling $\$ 4$ million has been reclassified from other assets to loans to members on the consolidated balance sheet to conform with the May 31, 2008 presentation. The May 31, 2007 balance of cash held as collateral totaling $\$ 2$ million has been reclassified from other assets to restricted cash on the consolidated balance sheet to conform with the May 31, 2008 presentation.

## (x) New Accounting Pronouncements

On June 1, 2007, the Company adopted SFAS 155, Accounting for Certain Hybrid Financial Instruments - an amendment of SFAS 133 and 140. SFAS 155 permits fair value measurement of any hybrid financial instrument that contains an embedded derivative that otherwise would require bifurcation. SFAS 155 also clarifies which interest-only strips and principal-only strips are not subject to the requirements of SFAS 133. It establishes a requirement to evaluate interests in securitized financial assets to identify interests that are freestanding derivatives or that are hybrid financial instruments that contain an embedded derivative requiring bifurcation. SFAS 155 also clarifies that concentrations of credit risk in the form of subordination are not embedded derivatives. SFAS 155 is effective for all financial instruments acquired or issued after the beginning of an entity's first fiscal year that begins after September 15, 2006. The Company's adoption of SFAS 155 did not have a material impact on the Company's financial position or results of operations.

On June 1, 2007, the Company adopted SFAS 156, Accounting for Servicing of Financial Assets. SFAS 156 requires the initial measurement of all separately recognized servicing assets and liabilities at fair value and permits, but does not require, the subsequent measurement of servicing assets and liabilities at fair value. SFAS 156 is effective as of the beginning of the first fiscal year that begins after September 15, 2006. The Company's adoption of SFAS 156 did not have a material impact on the Company's financial position or results of operations.

On June 1, 2007, the Company adopted FIN 48, Accounting for Uncertainty in Income Taxes, an interpretation of SFAS 109. FIN 48 clarifies the accounting for income taxes by prescribing a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. FIN 48 also provides guidance on derecognition, classification, interest and penalties, accounting in interim periods, disclosure and transition. FIN 48 is effective for fiscal years beginning after December 15, 2006. The Company's adoption of FIN 48 did not have a material impact on the Company's financial position or results of operations.

In September 2006, the FASB issued SFAS 157, Fair Value Measurements. SFAS 157 defines fair value, sets out a framework for measuring fair value and expands on required disclosures about fair value measurement. SFAS 157 is effective as of the beginning of the first fiscal year that begins after November 15, 2007. The Company's adoption of SFAS 157 as of June 1, 2008 is not expected to have a material impact on the Company's financial position or results of operations.

In February 2007, the FASB issued SFAS 159, The Fair Value Option for Financial Assets and Financial Liabilities. The fair value option established by SFAS 159 permits entities to choose to measure eligible financial instruments at fair value. The unrealized gains and losses on items for which the fair value option has been elected should be

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

reported in earnings. The decision to elect the fair value option is determined on an instrument by instrument basis and is irrevocable. Assets and liabilities measured at fair value pursuant to the fair value option should be reported separately in the balance sheet from those instruments measured using other measurement attributes. SFAS 159 is effective as of the beginning of the first fiscal year that begins after November 15, 2007. As part of the Company's adoption of SFAS 159 as of June 1, 2008, it has not elected to measure eligible financial instruments at fair value and therefore the adoption of SFAS 159 is not expected to have a material impact on the Company's financial position or results of operations.

In December 2007, the FASB issued SFAS 160, Noncontrolling Interests in Consolidated Financial Statements, an amendment of ARB 51, 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.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

In March 2008, the FASB issued SFAS 161, Disclosures about Derivative Instruments and Hedging Activities. 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 a material impact on the Company's financial position or results of operations.

## (2) Loans and Commitments

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.

Loans outstanding to members and unadvanced commitments by loan type and by segment are summarized as follows at May 31:

| (in thousands) | 2008 |  |  |  | 2007 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Loans Outstanding |  | Unadvanced Commitments (1) |  | Loans Outstanding |  | Unadvanced Commitments (1) |  |
| Total by loan type (2): |  |  |  |  |  |  |  |  |
| Long-term fixed rate | \$ |  | \$ | - |  | 14,663,340 |  | - |
| loans |  | 15,204,614 |  |  |  |  |  |  |
| Long-term variable rate loans |  | 1,882,095 |  | 5,975,541 |  | 1,993,534 |  | 5,703,313 |
| Loans guaranteed by |  |  |  | 491 |  | 255,903 |  | 491 |
| RUS |  | 250,169 |  |  |  |  |  |  |
| Short-term loans |  | 1,690,117 |  | 7,597,712 |  | 1,215,430 |  | 7,200,156 |
| Total loans outstanding |  | 19,026,995 |  | 13,573,744 |  | 18,128,207 |  | 12,903,960 |
| Deferred origination fees |  | 2,045 |  | - |  | 3,666 |  |  |
| Less: Allowance for loan losses |  | $(514,906)$ |  | - |  | $(561,663)$ |  | - |
| Net loans outstanding | \$ | 18,514,134 | \$ | 13,573,744 |  | 17,570,210 |  | 12,903,960 |
| Total by segment: |  |  |  |  |  |  |  |  |
| National Rural: |  |  |  |  |  |  |  |  |
| Distribution | \$ | 13,438,370 | \$ | 9,579,213 |  | 12,827,772 |  | 9,176,686 |
| Power supply |  | 3,339,112 |  | 2,960,693 |  | 2,858,040 |  | 2,798,124 |
| Statewide and associate |  | 108,925 |  | 158,293 |  | 119,478 |  | 139,156 |
| National Rural total |  | 16,886,407 |  | 12,698,199 |  | 15,805,290 |  | 12,113,966 |
| RTFC |  | 1,726,514 |  | 562,389 |  | 1,860,379 |  | 473,762 |
| NCSC |  | 414,074 |  | 313,156 |  | 462,538 |  | 316,232 |
|  | \$ | 19,026,995 | \$ | 13,573,744 |  | 18,128,207 |  | 12,903,960 |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Total loans
outstanding

|  | 2008 |  | 2007 |  |
| :--- | :---: | :---: | :---: | :---: |
| (in thousands) | Unadvanced |  | Unadvanced <br> Non-performing and <br> restructured loans (2): | Loans |
| Outstanding | Commitments (1) |  | Loans | Outstanding |

Non-performing loans (3):
RTFC:

| Long-term fixed rate loans | \$ | 219,912 | \$ | - | \$ | 212,984 | \$ | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Long-term variable rate |  |  |  |  | 261,081 |  |  |  |
| loans |  | 261,109 |  | 2,160 |  |  |  |  |
| Short-term loans |  | 25,843 |  | - |  | 27,799 |  | 418 |
| Total non-performing | \$ |  | \$ |  | \$ | 501,864 | \$ | 418 |
| loans |  | 506,864 |  | 2,160 |  |  |  |  |

Restructured loans (3):
National Rural:

| Long-term fixed rate loans | $\$$ | 52,309 | $\$$ | - | $\$ 52,420$ | $\$$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| $\quad$ Long-term variable rate |  |  | 544,697 | 186,673 |  |  |
| loans | 519,257 |  | 186,673 |  |  |  |
| $\quad$ Short-term loans | - | 12,500 | - | 12,500 |  |  |
| $\quad$ National Rural total |  |  | 597,117 | 199,173 |  |  |
| restructured loans | 571,566 | 199,173 |  |  |  |  |


| RTFC: |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Long-term fixed rate loans |  | 5,545 |  | - |  | 6,188 |  | - |
| Total restructured loans | \$ | 577,111 | \$ | 199,173 | \$ | 603,305 | \$ | 199,173 |

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

(1) Unadvanced loan commitments include loans for which loan contracts have been approved and executed, but funds have not been advanced. 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. As the interest rate on unadvanced commitments is not set, long-term unadvanced loan commitments have been classified in this chart 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 chart.
(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.

## Credit Concentration

The Company's loan portfolio is widely dispersed throughout the United States and its territories, including 48 states, the District of Columbia, American Samoa and the U.S. Virgin Islands. At May 31, 2008 and 2007, loans outstanding to borrowers in any state or territory did not exceed $16 \%$ and $15 \%$, respectively, of total loans outstanding. In addition to the geographic diversity of the portfolio, the Company limits its exposure to any one borrower. At May 31, 2008 and 2007, the total exposure outstanding to any one borrower or controlled group did not exceed $2.7 \%$ and $3.0 \%$, respectively, of total loans and guarantees outstanding. At May 31, 2008, the ten largest borrowers included five distribution systems, four power supply systems and one telecommunications system. At May 31, 2007, the ten largest borrowers included six distribution systems, two power supply systems and two telecommunications systems. The following chart shows the exposure to the ten largest borrowers as a percentage of total exposure by type and by segment at May 31:

| (Dollar amounts in thousands) | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Amount | \% of <br> Total | Amount | \% of <br> Total |
| Total by type: |  |  |  |  |
| Loans | \$3,395,865 |  | \$3,306,986 |  |
| Guarantees | 164,740 |  | 76,867 |  |
| Total credit exposure to ten largest borrowers | \$3,560,605 | 18\% | \$3,383,853 | 18\% |


| Total by segment: | $\$ 3,043,905$ |  |  |
| :--- | ---: | ---: | ---: |
| National Rural | 491,700 |  | $692,691,060$ |
|  |  |  |  |
| RTFC | 25,000 |  | - |
| NCSC | $18 \%$ | $\$ 3,383,853$ | $18 \%$ |
| Total credit exposure to ten largest | $\$ 3,560,605$ |  |  |
| borrowers |  |  |  |

## Interest Rates

Set forth below is the weighted average interest rate earned on all loans outstanding during the fiscal years ended May 31:

|  | 2008 | 2007 | 2006 |
| :--- | :---: | :---: | :---: |
| Long-term fixed rate | $6.05 \%$ | $5.87 \%$ | $5.64 \%$ |
| Long-term variable rate | $6.94 \%$ | $7.58 \%$ | $6.43 \%$ |
| Loans guaranteed by RUS | $5.49 \%$ | $5.59 \%$ | $5.34 \%$ |
| Short-term | $5.89 \%$ | $7.06 \%$ | $6.07 \%$ |
| Non-performing | $0.01 \%$ | $0.02 \%$ | $0.01 \%$ |
| Restructured | $0.64 \%$ | $0.61 \%$ | $0.08 \%$ |
| $\quad$ Total | $5.81 \%$ | $5.79 \%$ | $5.48 \%$ |
| Total by segment: |  |  |  |
| National Rural | $5.85 \%$ | $5.80 \%$ | $5.43 \%$ |
| RTFC | $4.97 \%$ | $5.30 \%$ | $5.50 \%$ |
| NCSC | $7.68 \%$ | $8.00 \%$ | $7.08 \%$ |
| $\quad$ Total | $5.81 \%$ | $5.79 \%$ | $5.48 \%$ |

In general, a borrower can select a fixed interest rate on long-term loans for periods of one to 35 years or the variable rate. Upon expiration of the selected fixed interest rate term, the borrower must select the variable rate or select another fixed rate term for a period that does not exceed the remaining loan maturity. The Company sets long-term fixed rates daily and variable rates monthly. On notification to borrowers, the Company may adjust the variable interest rate semi-monthly. Under the policies in effect for each company, the maximum interest rate which may be charged on short-term loans for National Rural is the prevailing bank prime rate plus $1 \%$ per annum; for RTFC, it is the prevailing bank prime rate plus $11 / 2 \%$ per annum; and for NCSC, it is the prevailing bank prime rate plus $1 \%$ per annum.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## Loan Repricing

Long-term fixed rate loans outstanding at May 31, 2008, which will be subject to the repricing of their interest rates during the next five fiscal years, are summarized as follows (due to principal repayments, amounts subject to interest rate repricing may be lower at the actual time of interest rate repricing):

|  | Weighted <br> Average <br> Interest Rate | Amount Repricing |
| :--- | :---: | :---: |
| (Dollar amounts in | $5.50 \%$ | $\$ 1,419,472$ |
| 2009 | $5.74 \%$ | $1,131,699$ |
| 2010 | $5.88 \%$ | $1,172,515$ |
| 2011 | $6.30 \%$ | $1,191,951$ |
| 2012 | $6.10 \%$ | 666,842 |
| 2013 | $6.27 \%$ | $2,592,841$ |

During the year ended May 31, 2008, long-term fixed rate loans totaling $\$ 866$ million had their interest rates repriced.
Loan Amortization
On most long-term loans, level quarterly payments are required with respect to principal and interest in amounts sufficient to repay the loan principal, generally over periods of up to 35 years from the date of the secured promissory note.

Amortization of long-term loans in each of the five fiscal years following May 31, 2008 and thereafter are as follows:

| (in thousands) | Amortization (1) |
| :--- | ---: |
| 2009 | $\$ 800,630$ |
| 2010 | $1,538,267$ |
| 2011 | 839,040 |
| 2012 | $1,118,767$ |
| 2013 | 805,275 |
| Thereafter | $12,234,899$ |
| (1) Represents scheduled amortization based on current rates without consideration for loans that reprice. |  |

Loan Security
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.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

The following tables summarize the Company's secured and unsecured loans outstanding by loan program and by segment at May 31:

| (Dollar amounts in |  | 2008 |  |  |  |  | 2007 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total by loan program: |  | Secured | \% |  | Unsecured | \% | Secured | \% |  | Unsecured | \% |
| Long-term fixed rate loans | \$ | 14,732,058 | 97\% | \$ | 472,556 | 3\% | $\$^{14,180,956}$ | 97\% | \$ | 482,384 | 3\% |
| Long-term variable rate loans |  | 1,728,803 | 92\% |  | 153,292 | 8\% | 1,865,821 | 94\% |  | 127,713 | 6\% |
| Loans guaranteed by RUS |  | 250,169 | 100\% |  | - | - | 255,903 | 100\% |  | - |  |
| Short-term loans |  | 165,226 | 10\% |  | 1,524,891 | 90\% | 191,231 | 16\% |  | 1,024,199 | 84\% |
| Total loans | \$ | 16,876,256 | 89\% | \$ | 2,150,739 | 11\% | \$16,493,911 | 91\% | \$ | 1,634,296 | 9\% |
| Total by segment: |  |  |  |  |  |  |  |  |  |  |  |
| National Rural | \$ | 15,021,067 | 89\% | , | 1,865,340 | 11\% | \$14,462,448 | 92\% |  | 1,342,842 | 8\% |
| RTFC |  | 1,497,487 | 87\% |  | 229,027 | 13\% | 1,630,079 | 88\% |  | 230,300 | 12\% |
| NCSC |  | 357,702 | 86\% |  | 56,372 | 14\% | 401,384 | 87\% |  | 61,154 | 13\% |
| Total loans | \$ | 16,876,256 | 89\% | \$ | 2,150,739 | 11\% | \$16,493,911 | 91\% |  | 1,634,296 | 9\% |

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## Concurrent Loans

National Rural makes loans to borrowers both as the sole lender of the loan commitment and on a concurrent basis with RUS. Under default provisions of common mortgages securing long-term National Rural loans to distribution system members that also borrow from RUS, RUS has the sole right to act within 30 days or, if RUS is not legally entitled to act on behalf of all noteholders, National Rural may exercise remedies. Under common default provisions of mortgages securing long-term National Rural loans to, or guarantee reimbursement obligations of, power supply members, RUS retains substantial control over the exercise of mortgage remedies. As of May 31, 2008 and 2007, National Rural had $\$ 2,159$ million and $\$ 2,302$ million, respectively, of loans outstanding issued on a concurrent basis with RUS.

## Pledging of Loans

As of May 31, 2008 and 2007, distribution system mortgage notes related to outstanding long-term loans totaling $\$ 3,990$ million and $\$ 5,797$ million, respectively, and RUS guaranteed loans qualifying as permitted investments totaling $\$ 215$ million and $\$ 219$ million, respectively, were pledged as collateral to secure National Rural's collateral trust bonds under the 1994 indenture totaling \$4,015 million and \$5,020 million, respectively. Under the 2007 indenture, distribution system mortgage notes related to outstanding long-term loans totaling $\$ 918$ million as of May 31, 2008 were pledged as collateral to secure National Rural's collateral trust bonds totaling $\$ 700$ million. In addition, $\$ 2$ million of cash was pledged to secure $\$ 2$ million of collateral trust bonds outstanding under the 1972 indenture at May 31, 2008 and 2007.

As of May 31, 2008 and 2007, distribution system mortgage notes totaling $\$ 1,043$ million and $\$ 592$ million, respectively, were pledged as collateral to secure National Rural's notes to the Federal Agricultural Mortgage Corporation ("Farmer Mac") totaling $\$ 900$ million and $\$ 500$ million, respectively.

In addition to the loans pledged as collateral at May 31, 2008 and 2007, National Rural had $\$ 3,191$ million and $\$ 2,765$ million, respectively, of mortgage notes on deposit with the trustee for the $\$ 2.5$ billion and $\$ 2$ billion, respectively, of notes payable to the Federal Financing Bank ("FFB") of the United States Treasury as part of the REDLG program (see Note 6). 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 $\$ 3,191$ million at May 31, 2008, would be pledged as collateral rather than held on deposit. At May 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 a financial expert to the Company's board of directors. A rating 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 rating trigger, the mortgage notes on deposit at that time, which totaled $\$ 1,842$ million at May 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.

At May 31, 2008 and 2007, National Rural had a total of $\$ 250$ million and $\$ 256$ million, respectively, of loans outstanding on which RUS had guaranteed the repayment of principal and interest. There are two programs under which these loans were advanced. At May 31, 2008 and 2007, National Rural had a total of $\$ 35$ million and $\$ 37$ million, respectively, under a program in which RUS previously allowed certain qualifying cooperatives to repay loans held by the FFB early and allowed the transfer of the guarantee to the new lender. At May 31, 2008 and 2007, National Rural had a total of $\$ 215$ million and $\$ 219$ million, respectively, under a program in which RUS approved National Rural, in February 1999, as a lender under its current loan guarantee program.

## (3) Loan Securitizations

On February 15, 2007, the Company sold National Rural distribution loans with outstanding principal balances totaling $\$ 366$ million in a loan securitization transaction. The transaction qualified for sale treatment under SFAS 140. The Company received $\$ 366$ million of cash in exchange for the loans, which represents the full principal amount of the loans sold. The Company incurred $\$ 0.7$ million of costs associated with the transaction and had $\$ 0.9$ million of unamortized deferred loan origination costs for the loans sold and accordingly, the Company recorded a loss on sale of loans totaling $\$ 1.6$ million.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

On August 10, 2007, the Company entered into an agreement to sell $\$ 74$ million of distribution mortgage loans to Farmer Mac for $\$ 74$ million. The transaction qualified for sale treatment under SFAS 140. The distribution mortgage loans were sold at $100 \%$ of the outstanding principal balance on that date. A total of $\$ 40$ million of the distribution mortgage loans were transferred on August 10, 2007 and the remaining $\$ 34$ million were transferred on January 2, 2008. The Company recorded a loss on sale of loans totaling $\$ 0.7$ million related to costs associated with the transaction and unamortized deferred loan origination costs for the loans sold. The Company does not hold any continuing interest in the loans sold and has no obligation to repurchase loans from the purchaser. The holders of the certificates of beneficial interest issued by the purchaser have no claim against the Company or any of the Company's assets in the event of a default on the loans held by the purchaser.

The Company services the loans for the purchaser in exchange for a fee of 30 basis points of the outstanding loan principal. The Company considers the 30 basis point fee to be a market fee as it is consistent with market quotes from other providers and the fee covers the cost of servicing the loans. As a result, the Company has not recorded a servicing asset or liability. The servicing fee has a payment priority over any other disbursement made by the trust holding the assets.

During the year ended May 31, 2008 and 2007, the Company recognized $\$ 1.2$ million and $\$ 0.3$ million, respectively, in servicing fees on all loan securitization transactions.

## (4) Foreclosed Assets

Assets received in satisfaction of loan receivables are recorded at the lower of cost or market and classified on the consolidated balance sheets as foreclosed assets. These assets do not meet the criteria to be classified as held for sale at May 31, 2008, 2007 or 2006. At May 31, 2008, 2007 and 2006, the balance of foreclosed assets included real estate developer notes receivable and limited partnership interests in certain real estate developments.

For the year ended May 31, 2008, the Company determined that there was a reduction of $\$ 6$ million to the market value of one of the land development loans held as a foreclosed asset. The reduction to the market value was primarily as a result of the slow down in lot sales due to residential home market weakness.

The activity for foreclosed assets is summarized below for the years ended May 31:

| (in thousands) | 2008 | 2007 | 2006 |
| :--- | :---: | :---: | :---: |
| Beginning balance | $\$ 66,329$ | $\$ 120,889$ | $\$ 140,950$ |
| Results of operations | 7,528 | 9,758 | 15,492 |
| Net cash provided by foreclosed assets | $(9,056)$ | $(63,831)$ | $(6,401)$ |
| Market adjustment | $(5,840)$ | - | - |
| Sale of foreclosed assets | - | $(487)$ | $(29,152)$ |
| $\quad$ Ending balance of foreclosed assets | $\$ 58,961$ | $\$ 66,329$ | $\$ 120,889$ |

Net cash provided by foreclosed assets increased significantly during the year ended May 31, 2007 due to full and partial paydowns of notes primarily by two limited partnership interests in certain real estate developments. The balance of foreclosed assets at May 31, 2005 also included partnership interests in real estate properties before selling such properties in August 2005 for $\$ 30$ million. A gain of $\$ 4$ million was included in the results of operations of foreclosed assets during the year ended May 31, 2006.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

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

The following is a summary of short-term debt and the effective interest rates thereon at May 31:

| (Dollar amounts in thousands) Short-term debt: | 2008 |  |  | 2007 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Debt <br> Outstanding |  | Effective Interest Rate | Debt <br> Outstanding |  | Effective Interest Rate |
| Commercial paper sold through dealers, net of discounts | \$ | 1,511,953 | 2.33\% | \$ | 1,017,879 | 5.36\% |
| Commercial paper sold directly to members, at par |  | 1,153,210 | 2.30\% |  | 1,383,090 | 5.29\% |
| Commercial paper sold directly to non-members, at par |  | 134,351 | 2.59\% |  | 133,087 | 5.31\% |
| Total commercial paper |  | 2,799,514 | 2.33\% |  | 2,534,056 | 5.32\% |
| Daily liquidity fund |  | 250,750 | 2.05\% |  | 250,563 | 5.23\% |
| Bank bid notes |  | 100,000 | 2.80\% |  | 100,000 | 5.43\% |
| Subtotal short-term debt |  | 3,150,264 | 2.32\% |  | 2,884,619 | 5.32\% |
| Long-term debt maturing within one year: |  |  |  |  |  |  |
| Medium-term notes sold through dealers |  | 558,776 | 4.40\% |  | 133,801 | 4.47\% |
| Medium-term notes sold through members |  | 288,634 | 4.77\% |  | 231,158 | 5.37\% |
| Secured collateral trust bonds |  | 1,824,995 | 3.27\% |  | 999,560 | 4.65\% |
| Secured notes payable |  | 500,000 | 4.66\% |  | - | - |
| Subordinated deferrable debt (1) |  | - | - |  | 175,000 | 7.65\% |
| Unsecured notes payable |  | 4,784 | 5.50\% |  | 2,985 | 8.52\% |
| Total long-term debt maturing within one year |  | 3,177,189 | 3.83\% |  | 1,542,504 | 5.09\% |
| Total short-term debt | \$ | 6,327,453 | 3.08\% | \$ | 4,427,123 | 5.24\% |

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 note facilities are uncommitted lines of credit for which National Rural does not pay a 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 at May 31:

$$
2008 \quad 2007
$$

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

| (Dollar amounts in thousands) |  |  |  | Termination Date | Facility fee per annum (1) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Five-year agreement | \$ | 1,125,000 | \$ 1,125,000 | $\begin{gathered} \text { March } 16, \\ 2012 \end{gathered}$ | 0.06 of 1\% |
| Five-year agreement |  | 1,025,000 | 1,025,000 | $\begin{gathered} \text { March 22, } \\ 2011 \end{gathered}$ | 0.06 of 1\% |
| 364-day agreement (2) |  | 1,500,000 | - | $\begin{gathered} \text { March 13, } \\ 2009 \end{gathered}$ | 0.05 of 1\% |
| 364-day agreement |  | - | 1,125,000 | $\begin{gathered} \text { March } 14, \\ 2008 \end{gathered}$ | 0.05 of 1\% |
| Total | \$ | 3,650,000 | \$ 3,275,000 |  |  |

(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 these agreements 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 $1 \%$ per annum.

Upfront fees of between 0.03 and 0.05 of $1 \%$ were paid to the banks based on their commitment level to the five-year agreements in place at May 31, 2008, totaling in aggregate $\$ 1$ million, which will be amortized on a straight-line basis over the life of the agreements. Upfront fees were paid to the banks for their commitment to the 364-day facility in place at
May 31, 2008, totaling $\$ 0.1$ million, which will be amortized on a straight-line basis over the life of the agreements. Each agreement contains a provision under which if borrowings exceed $50 \%$ of total commitments, a utilization fee must be paid on the outstanding balance. The utilization fees are 0.05 of $1 \%$ for all three agreements in place at May 31, 2008.

At May 31, 2008 and 2007, 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 and SFAS 52, Foreign Currency Translation. 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

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)
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 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 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 year ended May 31:

|  | Requirement | 2008 | Actual | 2007 |
| :--- | :---: | :---: | :---: | :---: |
| Minimum average adjusted TIER over the six most recent fiscal <br> quarters | 1.025 | 1.16 | 1.09 |  |
| Minimum adjusted TIER at fiscal year <br> end (1) | 1.05 | 1.15 | 1.12 |  |
| Maximum ratio of senior debt to total <br> equity | 10.00 | 7.33 | 6.65 |  |

(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, in order to draw down on the facilities.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## (6) Long-Term Debt

The following is a summary of long-term debt and the effective interest rates thereon at May 31:

| (Dollar amounts in thousands) | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Debt <br> Outstanding | Effective Interest Rate | Debt <br> Outstanding | Effective Interest Rate |
| Unsecured long-term debt: |  |  |  |  |
| Medium-term notes, sold through dealers (1) | \$ $4,231,982$ | 6.70\% | \$ 4,676,176 | 6.78\% |
| Medium-term notes, sold directly to members (2) | 104,105 | 4.77\% | 76,464 | 5.37\% |
| Subtotal | 4,336,087 | 6.65\% | 4,752,640 | 6.75\% |
| Unamortized discount | $(5,483)$ |  | $(7,408)$ |  |
| Total unsecured medium-term notes | 4,330,604 |  | 4,745,232 |  |
| Unsecured notes payable | 2,558,362 | 5.09\% | 2,032,630 | 5.12\% |
| Unamortized discount | $(1,959)$ |  | - |  |
| Total unsecured notes payable | 2,556,403 |  | 2,032,630 |  |
| Total unsecured long-term debt | 6,887,007 | 6.07\% | 6,777,862 | 6.26\% |

Secured long-term debt:
Collateral trust bonds:

| Floating Rate Bonds, due 2008 (3) | - | - | 600,000 | 5.73\% |
| :---: | :---: | :---: | :---: | :---: |
| 5.75\%, Bonds, due 2008 (3) | - | - | 225,000 | 5.85\% |
| Floating Rate Bonds, due 2009 (4) | 5,000 | 2.93\% | 1,000,000 | 5.76\% |
| Floating Rate Bonds, Series E-2 due 2010 | 1,927 | 7.50\% | 1,953 | 7.50\% |
| 5.70\%, Bonds, due 2010 | 200,000 | 5.80\% | 200,000 | 5.80\% |
| 4.375\%, Bonds, due 2010 | 500,000 | 4.60\% | 500,000 | 4.60\% |
| 4.75\%, Bonds, due 2014 | 600,000 | 4.84\% | 600,000 | 4.84\% |
| 7.20\%, Bonds, due 2015 | 50,000 | 7.32\% | 50,000 | 7.32\% |
| 5.45\%, Bonds, due 2017 | 570,000 | 5.58\% | 570,000 | 5.58\% |
| 5.45\%, Bonds, due 2018 | 700,000 | 5.57\% | - | - |
| 6.55\%, Bonds, due 2018 | 175,000 | 6.68\% | 175,000 | 6.68\% |
| 7.35\%, Bonds, due 2026 (5) | 90,000 | 7.45\% | 100,000 | 7.44\% |
| Subtotal | 2,891,927 | 5.42\% | 4,021,953 | 5.56\% |
| Unamortized discount | $(5,347)$ |  | $(4,596)$ |  |
| Total secured collateral trust bonds | 2,886,580 |  | 4,017,357 |  |
| Secured notes payable | 400,000 | 3.38\% | 500,000 | 4.66\% |
| Total secured long-term debt | 3,286,580 | 5.17\% | 4,517,357 | 5.46\% |
| Total long-term debt | \$10,173,587 | 5.78\% | \$11,295,219 | 5.94\% |

(1) Medium-term notes sold through dealers mature through 2032 as of May 31, 2008 and 2007. Does not include $\$ 559$ million and $\$ 134$ million of medium-term notes sold through dealers that were reclassified as short-term debt at May 31, 2008 and 2007, respectively.
(2) Medium-term notes sold directly to members mature through 2023 as of May 31, 2008 and 2007. Does not include $\$ 289$ million and $\$ 231$ million of medium-term notes sold to members that were reclassified as short-term debt at May 31, 2008 and 2007, respectively.
(3) Amounts outstanding at May 31, 2008 are included as short-term debt.
(4) Amounts outstanding at May 31, 2008 are included in short-term debt with the exception of $\$ 5$ million for which holders of the bonds elected to continue to extend the maturity to June 1, 2009 as of May 31, 2008.
(5) National Rural is required to make mandatory sinking fund payments for these bonds on November 1 of each year through 2025 totaling $\$ 5$ million to retire $95 \%$ of the principal amount prior to maturity.

The principal amount of medium-term notes, collateral trust bonds and long-term notes payable maturing in each of the five fiscal years following May 31, 2008 and thereafter is as follows:

|  | Amount <br> Maturing |  |
| :--- | ---: | :---: |
| Dollar amounts in thousands) | $\$$ | Weighted Average <br> Interest Rate |
| $2009(1)$ | $1,859,014$ | - |
| 2010 | 552,480 | $5.21 \%$ |
| 2011 | $1,554,344$ | $4.45 \%$ |
| 2012 | 440,575 | $7.16 \%$ |
| 2013 | $5,767,174$ | $3.47 \%$ |
| Thereafter | $\$ 10,173,587$ | $5.72 \%$ |
| Total |  | $5.68 \%$ |

(1) The amount scheduled to mature in fiscal year 2009 has been presented as long-term debt due in one year under short-term debt.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

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 for additional information on the collateral pledged to secure National Rural's collateral trust bonds.

## Unsecured Notes Payable

At May 31, 2008 and 2007, National Rural had outstanding a total of $\$ 2.5$ billion and $\$ 2$ billion, respectively, 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. On August 7, 2007, National Rural received the advance of the remaining $\$ 500$ million under the REDLG program. The $\$ 500$ million advance has a July 2027 maturity date. As part of the REDLG program, National Rural will pay to RUS a fee of 30 basis points per annum on the total amount borrowed. At May 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 for additional information on the mortgage notes held on deposit.

## Secured Notes Payable

At May 31, 2008, National Rural had a total of $\$ 900$ million outstanding to Farmer Mac. At May 31, 2007, National Rural had outstanding a total of $\$ 500$ million of $4.656 \%$ notes to Farmer Mac. Based on the July 29, 2008 maturity, this debt is reported in short-term debt at May 31, 2008. In March 2008, National Rural sold to Farmer Mac \$400 million of floating rate debt due in 2013. Both 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 for additional information on the collateral pledged to secure National Rural's notes payable.

## (7) Subordinated Deferrable Debt

Subordinated deferrable debt represents quarterly income capital securities and subordinated notes that are long-term obligations subordinated to National Rural's outstanding debt and senior to subordinated certificates held by National Rural's members. National Rural's outstanding subordinated deferrable debt was issued for terms of up to 49 years. This debt pays interest quarterly, may be called at par after five years, and allows National Rural to defer the payment of interest for up to 20 consecutive quarters. To date, National Rural has not exercised its right to defer interest payments. The following table is a summary of subordinated deferrable debt outstanding at May 31:

|  | 2008 |  | 2007 |  |
| :--- | :---: | :---: | :---: | :---: |
| Amounts | Effective | Amounts |  |  |
| Effective |  |  |  |  |
| Dollar amounts in thousands) | Outstanding | Interest Rate | Outstanding | Interest Rate |
| $6.75 \%$ due 2043 | $\$ 125,000$ | $7.00 \%$ | $\$ 125,000$ | $7.00 \%$ |
| $6.10 \%$ due 2044 | 88,201 | $6.33 \%$ | 88,201 | $6.33 \%$ |
| $5.95 \%$ due 2045 | 98,239 | $6.14 \%$ | 98,239 | $6.14 \%$ |
| Total | $\$ 311,440$ | $6.54 \%$ | $\$ 311,440$ | $6.54 \%$ |

(1) The $6.75 \%$ subordinated deferrable securities due 2043 are callable by National Rural at par starting on February 15, 2008.
(2) The $6.10 \%$ subordinated deferrable securities due 2044 are callable by National Rural at par starting on February 1, 2009.
(3) The $5.95 \%$ subordinated deferrable securities due 2045 are callable by National Rural at par starting on February 15, 2010.
(8) Derivative Financial Instruments

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

Interest Rate Exchange Agreements
Generally, the Company's interest rate exchange agreements do not qualify for hedge accounting under SFAS 133. The majority of the Company's interest rate exchange agreements use a 30 -day composite commercial paper index as either the pay or receive leg. The 30-day composite commercial paper index is the best match for the commercial paper that is the underlying debt used as the cost basis in setting the Company's variable interest rates. However, the correlation between movement in the 30-day composite commercial paper index and movement in the Company's commercial paper rates is not consistently high enough to qualify for hedge accounting. The Company's commercial paper rates are not indexed to the 30 -day composite commercial paper index and the Company does not solely issue its commercial paper with maturities of 30 days. At May 31, 2008 and 2007, the Company did not have any interest rate exchange agreements that were accounted for using hedge accounting.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

The Company was a party to the following interest rate exchange agreements at May 31:

|  | Notional Amounts |  |
| :--- | :---: | ---: |
|  | Outstanding |  |
| (in thousands) | 2008 | 2007 |
| Pay fixed and receive variable | $\$ 7,659,973$ | $\$ 7,276,473$ |
| Pay variable and receive fixed | $5,256,440$ | $5,256,440$ |
| Total interest rate exchange agreements | $\$ 12,916,413$ | $\$ 12,532,913$ |

Interest rate exchange agreements had the following impact on the Company for the years ended May 31:

| (in thousands) | 2008 |  | 2007 |  | 2006 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statement of Operations Impact |  |  |  |  |  |  |
| Agreements that qualify for hedge accounting: |  |  |  |  |  |  |
| Interest expense | \$ | - | \$ | - | \$ | 2,688 |
| Agreements that do not qualify for hedge accounting: |  |  |  |  |  |  |
| Derivative cash settlements |  | 27,033 |  | 77,342 |  | 61,690 |
| Derivative forward value |  | $(98,743)$ |  | $(83,322)$ |  | 28,744 |
| Total (loss) gain on interest rate exchange agreements | \$ | $(71,710)$ | \$ | $(5,980)$ | \$ | 93,122 |
| Comprehensive Income Impact |  |  |  |  |  |  |
| Agreements that qualify for hedge accounting: |  |  |  |  |  |  |
| Unrealized loss on derivatives | \$ | - | \$ | - | \$ | $(2,322)$ |
| Amortization of transition adjustment |  | $(3,377)$ |  | $(1,004)$ |  | 226 |
| Total comprehensive loss | \$ | $(3,377)$ | \$ | $(1,004)$ | \$ | $(2,096)$ |

Cash settlements include periodic amounts that were paid and received related to its interest rate exchange agreements.

During the year ended May 31, 2008, cash settlements included a payment of $\$ 8$ million paid to counterparties representing the fair value of interest rate exchange agreements terminated by the Company. These agreements were terminated due to the prepayment of RTFC loans during the year ended May 31, 2008, the proceeds of which were used to pay down the underlying debt for the terminated interest rate exchange agreements. A make-whole payment of $\$ 8$ million was paid to the Company for the cost of unwinding these swaps, which was recorded in interest income for the year ended May 31, 2008.

During the year ended May 31, 2007, the Company terminated two $\$ 500$ million pay variable and receive fixed interest rate exchange agreements prior to the maturity dates. The early termination resulted in the Company receiving a payment of $\$ 31$ million, the fair value of the agreements on that date. At termination, the Company also recorded a charge to the derivative fair value line to reduce the derivative asset by $\$ 31$ million, the fair value of the agreements on that date. The payment received and the reduction to the recorded derivative asset are offsetting, thus

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

there was no impact to reported net income as a result of this transaction.
During the year ended May 31, 2006, cash settlements included a payment of $\$ 1$ million received from counterparties representing the fair value of interest rate exchange agreements terminated by the Company. These agreements were terminated due to the prepayment of RTFC loans during the year ended May 31, 2006, the proceeds of which were used to pay down the underlying debt for the terminated interest rate exchange agreements.

A transition adjustment of $\$ 62$ million was recorded as an other comprehensive loss on June 1, 2001, the date the Company implemented SFAS 133. Approximately $\$ 2$ million of the amortization of the transition adjustment for the year ended May 31, 2008 related to the early termination of two swaps which were in place on June 1, 2001. The unamortized amount for these swaps was amortized when the swaps were terminated. The transition adjustment will be amortized into earnings over the remaining life of the related interest rate exchange agreements. Approximately $\$ 0.8$ million of the transition adjustment is expected to be amortized to income over the next twelve months and will continue through April 2029.

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

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## Cross Currency Interest Rate Exchange Agreements

There were no cross currency or cross currency interest rate exchange agreements outstanding at May 31, 2008 and 2007. At May 31, 2006, the Company was a party to cross currency interest rate exchange agreements totaling $\$ 716$ million, none of which were used for hedge accounting. Cross currency interest rate exchange agreements had the following impact on the Company for the years ended May 31:
(in thousands)
2007
2006
Statement of Operations Impact
Agreements that qualify for hedge accounting:
Interest expense $\$ \quad$ - $\$$

Agreements that do not qualify for hedge
accounting:

| Derivative cash settlements $\quad 9,100$ | 19,193 |
| :--- | :--- | :--- |

Derivative forward value $\quad 4,041 \quad 61$

Total gain on cross currency exchange \$ 13,141 \$ 14,288
agreements

Comprehensive Income Impact
Agreements that qualify for hedge accounting:
Unrealized loss on derivatives \$ - \$

## Rating Triggers

The Company has certain interest rate exchange agreements 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 contracts are based on its senior unsecured credit rating from Standard \& Poor's Corporation and Moody's Investors Service.

At May 31, 2008, the Company had the following notional amount and fair values associated with exchange agreements 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 required payments and collections required upon termination, the Company netted the agreements for each counterparty, as allowed by the underlying master agreement.


| Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Fall below Baa1/BBB+ |  |  |  |  |  |
| Total |  |  |  |  |  |
| 7,028,358 |  |  |  |  |  |

In addition to the rating triggers listed above, at May 31, 2008, the Company had $\$ 717$ million of notional amount of exchange agreements, with one counterparty, that would require the pledging of collateral in an amount equal to the fair value of the exchange agreements if the Company's senior secured ratings from Moody's Investors Service fall below Baa2 or from Standard \& Poor's Corporation fall below BBB. At May 31, 2008, the net obligation totaled $\$ 9$ million for the $\$ 717$ million notional amount of exchange agreements subject to this rating trigger.

## (9) 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 $5 \%$ semi-annually. The weighted average maturity for all membership subordinated certifcates outstanding at May 31, 2008 and 2007 was 68 and 69 years, respectively.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## 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.

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 $2 \%$ for distribution systems and $7 \%$ for power supply systems. National Rural associates and RTFC members are required to purchase loan subordinated certificates of $10 \%$ 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 also 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 13). 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 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.

Information with respect to members' subordinated certificates at May 31, is as follows:

|  | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
| (Dollar amounts in thousands) | Amounts Outstanding | Weighted Average Interest Rate | Amounts Outstanding | Weighted Average Interest Rate |
| Number of subscribing members | 898 |  | 899 |  |
| Membership subordinated certificates: |  |  |  |  |
| Certificates maturing 2020 through 2095 | \$ 628,471 |  | \$ 627,875 |  |
| Subscribed and unissued (1) | 20,994 |  | 21,549 |  |
| Total membership subordinated certificates | 649,465 | 4.88\% | 649,424 | 4.88\% |
| Loan and guarantee subordinated certificates: |  |  |  |  |
| 3\% certificates maturing through 2040 | 111,095 |  | 113,501 |  |
| $3 \%$ to $12 \%$ certificates maturing through 2042 | 239,079 |  | 200,779 |  |
| Non-interest bearing certificates maturing through 2043 | 362,085 |  | 369,037 |  |
| Subscribed and unissued (1) | 45,055 |  | 48,706 |  |
| Total loan and guarantee subordinated certificates | 757,314 | 2.24\% | 732,023 | 2.07\% |

Total members' subordinated
\$1,406,779
$3.46 \% \quad \$ 1,381,447$
3.39\% certificates
(1) The subscribed and unissued subordinated certificates represent subordinated certificates that members are required to purchase, but are not yet paid for. Upon collection of the full amount of the subordinated certificate, the amount of the certificate will be reclassified from subscribed and unissued to outstanding.

## (10) Minority Interest

At May 31, 2008 and 2007, the Company reported minority interests of $\$ 14$ million and $\$ 22$ million, respectively, on the consolidated balance sheets. Minority interest represents $100 \%$ of RTFC and NCSC equity as the members of RTFC and NCSC own or control $100 \%$ of the interest in their respective companies.

During the year ended May 31, 2008, the balance of minority interest decreased by $\$ 6$ million of minority interest net loss for the year ended May 31, 2008 and the retirement of $\$ 2$ million of patronage capital to RTFC members in January 2008.

## (11) 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

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

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 $1 \%$, of net earnings annually to the education fund. The allocation to the education fund must be at least $0.25 \%$ of net earnings as required by National Rural's bylaws. Funds from the education fund are disbursed annually to fund cooperative education in the service territories of 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 in the year that the net earnings were earned. 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.

National Rural's board of directors authorized the retirement of $\$ 86$ million of allocated net earnings in July 2007, representing $70 \%$ of the allocated net earnings for fiscal year 2007 and one-ninth of the allocated net earnings for fiscal years 1991, 1992 and 1993. This amount was retired in August 2007. Under current practice, the remaining $30 \%$ of the fiscal year 2007 allocated net earnings will be retained by National Rural and used to fund operations for 15 years and then may be retired. The retirement of allocated net earnings for fiscal years 1991, 1992 and 1993 is done as part of the transition to the current retirement cycle adopted in 1994 and will last through fiscal year 2008. After that time and under current practice, retirements will be comprised of the $70 \%$ of allocated net earnings from the prior year as approved by the board of directors and the remaining portion of allocated net earnings retained by National Rural from prior years ( $50 \%$ for 1994 and $30 \%$ for all years thereafter).

In July 2008, National Rural's board of directors authorized the allocation of the fiscal year 2008 net earnings as follows: $\$ 1$ million to the education fund and $\$ 103$ million to members in the form of patronage capital. The board of directors also authorized the allocation of $\$ 29$ 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 $70 \%$ of the fiscal year 2008 allocation and one-ninth of the fiscal years 1991, 1992 and 1993 allocated net earnings. This amount will be returned to members in cash at the end of August 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 May 31, 2008 and 2007, equity included the following components:

| (in thousands) | 2008 | 2007 |
| :--- | :---: | :---: |
| Membership fees | $\$ 993$ | $\$ 997$ |
| Education fund | 1,484 | 1,406 |
| Members' capital reserve | 187,409 | 158,308 |
| Allocated net income | 423,249 | 405,598 |
| Unallocated net income (1) | $(53)$ | $(23)$ |
| Total members' equity | 613,082 | 566,286 |


| Prior years cumulative derivative forward |  |  |
| :--- | :---: | ---: |
| value and foreign currency adjustments |  | 131,551 |
| Current period derivative forward value (2) | $(87,495)$ | 225,849 |
| Current period foreign currency adjustments | - | $(79,744)$ |
| $\quad$ Total retained equity | 657,138 | $(14,554)$ |
| Accumulated other comprehensive income | 8,827 | 697,837 |
| $\quad$ Total equity | $\$ 665,965$ | $\$ 710,204$ |

(1) Excludes derivative forward value and foreign currency adjustments.
(2) Represents the derivative forward value loss recorded by National Rural for the period.

## (12) Employee Benefits

National Rural is a participant in the National Rural Electric Cooperative Association ("NRECA") Retirement Security Plan. This plan is available to all qualified National Rural employees. Under the plan, participating employees are entitled to receive annually, under a $50 \%$ joint and surviving spouse annuity, $1.90 \%$ of the average of their five highest base salaries during their last ten years of employment, multiplied by the number of years of participation in the plan. National Rural contributed $\$ 3.8$ million, $\$ 3.3$ million and $\$ 3.0$ million to the Retirement Security Plan during fiscal years 2008, 2007 and 2006, respectively. Funding requirements that are billed are charged to general and administrative expenses on a monthly basis. This is a multiple employer

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

plan, available to all member cooperatives of NRECA, and therefore the projected benefit obligation and plan assets are not determined or allocated separately by individual employer.

The Economic Growth and Tax Relief Act of 2001 set a limit of $\$ 230,000$ for calendar year 2008 on the compensation to be used in the calculation of pension benefits. In order to restore potential lost benefits, National Rural has adopted a Pension Restoration Plan administered by NRECA. Under the plan, the amount that NRECA invoices National Rural for the Retirement Security Plan will continue to be based on the full compensation paid to each employee. Upon the retirement of a covered employee, NRECA will calculate the retirement and security benefit to be paid with consideration of the compensation limits and will pay the maximum benefit thereunder. NRECA will also calculate the retirement and security benefit that would have been available without consideration of the compensation limits and National Rural will pay the difference. NRECA will then give National Rural a credit against future retirement and security contribution liabilities in the amount paid by National Rural to the covered employee.

National Rural has paid such additional benefits to the covered employee through two components of the Pension Restoration Plan, a Severance Pay Plan and a Deferred Compensation Plan. Under the Severance Pay Plan, the employee was paid an amount equal to the lost pension benefits but not exceeding twice the employee's annual compensation for the prior year. The benefit was paid within 24 months of termination of employment. To the extent that the Severance Pay Plan could not pay all of the lost pension benefits, the remainder was paid under a Deferred Compensation Plan in a lump sum or in installments of up to 60 months.

The Severance Pay Plan component of the Pension Restoration Plan has been eliminated effective January 1, 2005. Any benefit earned as of December 31, 2004 will be held for the employee and will be paid out as outlined above. Benefits earned as of January 1, 2005, however, will be paid solely under the Deferred Compensation component of the Pension Restoration Plan, which carries a substantial risk of forfeiture. The executive officers of the Company have satisfied the provisions established to receive the benefit from this plan. Since there is no longer a risk of forfeiture of the Pension Restoration benefit, distributions will be made from the Deferred Compensation component of the plan to each executive officer annually.

As of December 31, 2007, the NRECA Retirement Security Plan meets the ERISA standards for a funded plan and National Rural was current with regard to its obligations to NRECA, the plan provider.

National Rural offers a 401(k) defined contribution savings program, the 401 (k) Pension Plan, to all employees that have completed a minimum of 1,000 hours of service in either the first 12 consecutive months or first full calendar year of employment. National Rural contributes an amount up to $3 \%$ of an employee's salary each year for all employees participating in the program with a minimum $2 \%$ employee contribution. During the years ended May 31, 2008, 2007 and 2006, National Rural contributed $\$ 0.6$ million, $\$ 0.5$ million and $\$ 0.5$ million, respectively, each year under the program.

## (13) 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. At May 31, 2008 and 2007, the Company had recorded a guarantee liability totaling $\$ 15$ million and $\$ 19$ million, respectively, which represents the contingent and non-contingent exposure

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

related to guarantees of members' debt obligations. The contingent guarantee liability at May 31, 2008 and 2007 totaled $\$ 10$ million and $\$ 13$ 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 and $\$ 6$ million at May 31, 2008 and 2007, respectively, 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 . 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 for the years ended May 31:

| (Dollar amounts in thousands) | 2008 |  | 2007 |  | 2006 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Beginning balance | \$ | 18,929 | \$ | 16,750 | \$ | 16,094 |
| Net change in non-contingent liability |  | (791) |  | 3,879 |  | 1,356 |
| Recovery of contingent guarantee losses |  | $(3,104)$ |  | $(1,700)$ |  | (700) |
| Ending balance | \$ | 15,034 | \$ | 18,929 | \$ | 16,750 |
| Liability as a percentage of total guarantees |  | 1.45\% |  | 1.76\% |  | 1.55\% |

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

The following chart summarizes total guarantees by type and segment at May 31:

| (in thousands) |  | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total by type: |  |  |  |  |
|  | Long-term tax exempt bonds (1) | \$ | 498,495 | \$ | 526,185 |
|  | Indemnifications of tax benefit transfers (2) |  | 94,821 |  | 107,741 |
|  | Letters of credit (3) |  | 343,424 |  | 365,766 |
|  | Other guarantees (4) |  | 100,400 |  | 74,682 |
|  | Total | \$ | 1,037,140 | \$ | 1,074,374 |
|  |  |  |  |  |  |
|  | Total by segment: |  |  |  |  |
|  | National Rural: |  |  |  |  |
|  | Distribution | \$ | 184,459 | \$ | 211,320 |
|  | Power supply |  | 786,455 |  | 797,009 |
|  | Statewide and associate |  | 22,785 |  | 25,359 |
|  | National Rural total |  | 993,699 |  | 1,033,688 |
|  | RTFC |  | 260 |  | - |
|  | NCSC |  | 43,181 |  | 40,686 |
|  | Total | \$ | 1,037,140 | \$ | 1,074,374 |

(1) The maturities for this type of guarantee run through 2037. 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. 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 $\$ 55$ million at May 31, 2008 and 2007, on deposit with the bond trustee that can only be used for the purpose of 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 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 system is required to repay, on demand, any amount advanced by National Rural and interest thereon pursuant to the documents evidencing the system's reimbursement obligation.
Of the amounts shown above, $\$ 330$ million and $\$ 277$ million as of May 31, 2008 and 2007, 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 and $\$ 224$ million of tax-exempt bonds that were in the auction rate mode at May 31, 2008 and 2007, respectively. 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. As of May 31, 2008, National Rural's maximum potential exposure for the $\$ 14$ 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

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

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. National Rural has unconditionally guaranteed to lessors certain indemnity payments, which may be required to be made by the lessees in connection with tax benefit transfers. In the event of default by a system for non-payment of indemnity payments, National Rural is obligated to pay any required amounts under its guarantees, which will prevent the acceleration of the indemnity payments. The member is required to repay any amount advanced by National Rural and interest thereon pursuant to the documents evidencing the system's reimbursement obligation. The amounts shown represent National Rural's maximum potential exposure for guaranteed indemnity payments. A member's obligation to reimburse National Rural for any guarantee payments would be treated as a long-term loan to the extent of any cash received by the member at the outset of the transaction. This amount is secured by a mortgage lien on substantially all of the system's assets and future revenues. The remainder would be treated as a short-term loan secured by a subordinated mortgage on substantially all of the member's property. 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 May 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). The Company issues irrevocable letters of credit to support members' obligations to energy marketers and other third parties and to the Rural Business and Cooperative Development Service with issuance fees as may be determined from time to time. Each letter of credit issued is supported by a reimbursement agreement with the member on whose behalf the letter of credit was issued. In the event a beneficiary draws on a letter of credit, the agreement generally requires the member to reimburse the Company within one year from the date of the draw. Interest would accrue from the date of the draw at the line of credit variable rate of interest in effect on such date. The agreement also requires the member to pay, as applicable, a late payment charge and all costs of collection, including reasonable attorneys' fees. As of May 31, 2008, the Company's maximum potential exposure is $\$ 343$ million, of which $\$ 205$ 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 $\$ 25$ million of letters of credit would be reduced to $\$ 7$ 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 $\$ 415$ million in letters of credit to third parties for the benefit of its members at May 31, 2008. At May 31, 2007, this amount was $\$ 339$ million.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

(4) The maturities for this type of guarantee run through 2025. National Rural provides other guarantees for its members. In the event of default by a system for non-payment of the obligation, National Rural must pay any required amounts under its guarantees, which will prevent the acceleration of the obligation. Such guarantees may be made on a secured or unsecured basis with guarantee fees set to cover National Rural's general and administrative expenses, a provision for losses and a reasonable margin. The member is required to repay any amount advanced by National Rural and interest thereon pursuant to the documents evidencing the system's reimbursement obligation. Of National Rural's maximum potential exposure for guaranteed principal and interest totaling \$101 million at May 31, 2008, $\$ 3$ million is secured by a mortgage lien on substantially all of the system's assets and future revenues and the remaining $\$ 98$ million is unsecured.

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

The following table details the scheduled reductions of the Company's outstanding guarantees in each of the fiscal years following May 31, 2008 :

| (in | Amount |
| :--- | ---: | ---: |
| thousands) |  |
| 2009 | $\$ 169,084$ |
| 2010 | 191,214 |
| 2011 | 159,027 |
| 2012 | 54,318 |
| 2013 | 107,278 |
| Thereafter | 356,219 |
| Total | $\$ 1,037,140$ |

At May 31, 2008 and 2007, National Rural had a total of $\$ 236$ million and $\$ 221$ million of guarantees, representing $23 \%$ and $21 \%$, respectively, of total guarantees, under which its right of recovery from its members was not secured. Fair Value of Financial Instruments

The following disclosure of the estimated fair value of financial instruments is made in accordance with SFAS 107, Disclosure about Fair Value of Financial Instruments. Whenever possible, the estimated fair value amounts have been determined using quoted market information as of May 31, 2008 and 2007. The estimated fair value information presented is not necessarily indicative of amounts the Company could realize currently in a market sale since it may be unable to sell such instruments due to contractual restrictions or to the lack of an established market. The estimated market values have not been updated since May 31, 2008; therefore, current estimates of fair value may differ significantly from the amounts presented. With the exception of redeeming collateral trust bonds and subordinated deferrable debt under early redemption provisions, terminating derivative instruments under early termination provisions and allowing borrowers to prepay their loans, the Company has held and intends to hold all financial instruments to maturity. Below is a summary of significant methodologies used in estimating fair value amounts and a schedule of fair values at May 31, 2008 and 2007.

## Cash and Cash Equivalents

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Includes cash and certificates of deposit with remaining maturities of less than 90 days, which are valued at the carrying value.

Restricted Cash
Restricted cash consists of cash and cash equivalents for which use is contractually restricted. Restricted cash is valued at the carrying value.

Loans to Members
The Company's loans to its members contain many features that are not included in most loan terms, such as the right to receive a patronage capital allocation, the requirement to purchase subordinated certificates, the option to select fixed rates from one year to maturity with the fixed rate resetting or repricing at the end of each selected rate term, the ability to convert from a fixed rate to another fixed rate or the variable rate at any time and certain discounts that are specific to the borrower's activity with the Company. These features make it difficult to find market data for similar loans. Thus, the Company must use other methods to estimate the fair value. Fair values are estimated by discounting the future cash flows using the current rates at which similar loans would be made by the Company to borrowers with similar credit ratings and for the same remaining maturities. Loans with different risk characteristics, specifically non-performing and restructured loans, are valued by discounting cash flows using a discount rate commensurate with the risk involved or by using collateral valuations. Loans with interest rate repricing scheduled within 90 days of year end are valued at carrying value, which approximates fair value. Variable rate loans are valued at cost, which approximates fair value since the Company has the option to reset rates every 30 days.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## Debt Service Reserve Funds

The Company considers the carrying value of debt service reserve funds to be equal to fair value. Debt service reserve funds represent cash on deposit with the bond trustee for pollution control bonds that National Rural guarantees and thus, carrying value is considered to be equal to fair value.

## Short-Term Debt

Short-term debt consists of commercial paper, bank bid notes and other debt due within one year. The fair value of short-term debt with maturities greater than 90 days is estimated based on quoted market rates for debt with similar maturities. The fair value of short-term debt with maturities less than or equal to 90 days is carrying value, which is a reasonable estimate of fair value.

Long-Term Debt
Long-term debt consists of collateral trust bonds, medium-term notes and long-term notes payable. The Company issues all collateral trust bonds and some medium-term notes in underwritten public transactions. There is secondary trading for the underwritten collateral trust bonds and medium-term notes from which the fair value may be estimated. There is no secondary market for the medium-term notes issued to the Company's members or in transactions that are not underwritten, thus fair value is estimated based on quoted market prices for similar instruments supplied by the underwriters. The long-term notes payable are issued in private placement transactions and there is no secondary trading of such debt. Thus, the fair value is estimated based on underwriter quotes for similar instruments, if available, or based on discounted cash flow.

Long-term debt with a variable interest rate is valued at carrying value, which approximates fair value since rates may be adjusted every 30 days to 90 days.

## Subordinated Deferrable Debt

The Company's subordinated deferrable debt is traded on the New York Stock Exchange, thus daily market quotes are available. However, there is typically limited trading volume and thus, the Company bases the fair value estimate on tender offer prices supplied by the underwriters of the securities. The use of the tender offer prices results in a slightly different valuation than the use of the closing market quote from the last day of the reporting period.

## Members' Subordinated Certificates

As it is impracticable to develop a discount rate that measures fair value, subordinated certificates have not been valued. Members' subordinated certificates are extended long-term obligations of the Company; many have original maturities of 70 to 100 years. These certificates are issued to the Company's members as a condition of membership or as a condition of obtaining loan funds or guarantees and are non-transferable. As these certificates were not issued primarily for their future payment stream but mainly as a condition of membership and to receiving future loan funds, there is no ready market from which to obtain fair value quotes.

## Interest Rate and Cross Currency Interest Rate Exchange Agreements

Derivative instruments are recorded in the consolidated balance sheets at fair value. The fair value of the interest rate and cross currency interest rate exchange agreements is estimated taking into account the expected future market rate of interest and the current creditworthiness of the exchange counterparties. The fair value of cross currency interest rate exchange agreements additionally takes into account the expected future currency exchange rate. The fair value of the cross currency exchange agreements is estimated taking into account the expected future currency exchange rate and the current creditworthiness of the exchange counterparties.

## Commitments

The fair value is estimated as the carrying value, or zero. Extensions of credit under these commitments, if exercised, would result in loans priced at market rates.

Guarantees
It is impracticable to supply fair value information related to guarantees based on market comparisons as there is no other company that provides guarantees to rural electric utility companies from which to obtain market rate information. The fair value of the Company's guarantees shown is based on the amount recorded as a guarantee liability which represents the Company's contingent and non-contingent exposure related to its guarantees.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

Carrying and fair values as of May 31, 2008 and 2007 are presented as follows:

| (in thousands) | 2008 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Carrying Value | Fair Value | Carrying Value | Fair Value |
| Assets: |  |  |  |  |
| Cash and cash equivalents | \$ 177,809 | 177,809 | \$ 304,107 | \$ 304,107 |
| Restricted cash | 14,460 | 14,460 | 2,032 | 2,032 |
| Loans to members, net | 18,514,134 | 17,659,808 | 17,570,210 | 15,743,632 |
| Debt service reserve funds | 54,993 | 54,993 | 54,993 | 54,993 |
| Cash flow interest rate exchange agreements | 21,448 | 21,448 | 212,143 | 212,143 |
| Fair value interest rate exchange agreements | 199,066 | 199,066 | 10,631 | 10,631 |
| Liabilities: |  |  |  |  |
| Short-term debt | 6,327,453 | 6,334,426 | 4,427,123 | 4,404,590 |
| Long-term debt | 10,173,587 | 10,548,133 | 11,295,219 | 11,492,645 |
| Guarantee liability (1) | 15,034 | 15,034 | 18,929 | 18,929 |
| Cash flow interest rate exchange agreement | 167,417 | 167,417 | 12,869 | 12,869 |
| Fair value interest rate exchange agreement | 3,973 | 3,973 | 59,065 | 59,065 |
| Subordinated deferrable debt | 311,440 | 291,551 | 311,440 | 299,964 |
| Off-balance sheet instruments: |  |  |  |  |
| Commitments | - | - | - | - |

(1) The carrying value represents the Company's exposure related to its guarantees and therefore will not equal total guarantees shown in Note 13.
(15) Restructured/Non-performing Loans and Contingencies

The Company had the following loans outstanding classified as non-performing and restructured at May 31:

| (in thousands) | 2008 |  |  | 2007 |
| :--- | :--- | :--- | :--- | :--- |
| Non-performing loans | $\$$ | 506,864 | $\$$ | 501,864 |

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

| Restructured loans | 577,111 | 603,305 |
| :--- | ---: | ---: |
| Total | $\$ 1,083,975$ | $\$ 1,105,169$ |

(a) At May 31, 2008 and 2007, all loans classified as non-performing were on a non-accrual status with respect to the recognition of interest income. At May 31, 2008 and 2007, $\$ 519$ million and $\$ 545$ million, respectively, of restructured loans were on non-accrual status with respect to the recognition of interest income. A total of $\$ 4$ million of interest income was accrued on restructured loans during the year ended May 31, 2008 and 2007.

Interest income was reduced as follows as a result of holding loans on non-accrual status for the years ended May 31:

|  | Reduction to interest income |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| (in thousands) | 2008 | 2007 | 2006 |  |
| Non-performing <br> loans | 33,492 | $\$$ | 41,448 |  |
| Restructured loans |  |  |  | 42,725 |
| Total | 33,400 |  | 39,177 | 35,947 |

(b) The Company classified $\$ 1,078$ million and $\$ 1,099$ million of loans as impaired pursuant to the provisions of SFAS 114 at May 31, 2008 and 2007, respectively. The Company reserved $\$ 331$ million and $\$ 397$ million of the loan loss allowance for such impaired loans at May 31, 2008 and 2007, 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 \$3 million, \$3

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

million and $\$ 1$ million of interest income on impaired loans for the years ended May 31, 2008, 2007 and 2006, respectively. The average recorded investment in impaired loans for the year ended May 31, 2008 and 2007 was $\$ 1,083$ million and $\$ 1,144$ 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:

- court rulings,
- changes to collateral values, and
- changes to expected future cash flows both as to timing and amount.
(c) At May 31, 2008 and 2007, National Rural had a total of $\$ 519$ million and $\$ 545$ million, respectively, of restructured loans outstanding to Denton County Electric Cooperative, d/b/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 May 31, 2008 and 2007. Total loans to CoServ at May 31, 2008 and 2007 represented $2.7 \%$ and $2.9 \%$, respectively, of the Company's total loans and guarantees outstanding.

Under the terms of a bankruptcy settlement, 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. As of May 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 May 31, 2008.
(d) VarTec Telecom, Inc. ("VarTec") was a telecommunications company and RTFC borrower located in Dallas, Texas. The Company was VarTec's principal senior secured creditor. VarTec and 16 of its U.S.-based affiliates, which were guarantors of VarTec's debt to RTFC, filed voluntary petitions under Chapter 11 of the United States Bankruptcy Code on November 1, 2004 in Dallas, Texas. The cases were converted in 2006 to Chapter 7 proceedings, administered by a Chapter 7 trustee.

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

Non-performing loans at May 31, 2007 included $\$ 9$ million to VarTec. On June 4, 2007, the Bankruptcy Court approval of a settlement of litigation against the Company became final, pursuant to which (a) all claims against the Company were dismissed with prejudice and fully released, (b) a portion of the proceeds from the collateral that had been provisionally applied to the Company's secured debt was reallocated to VarTec creditors, including the Company, and (c) an administrative debtor-in-possession ("DIP") financing facility owed by the VarTec bankruptcy estates to the Company was reduced to $\$ 6$ million. The Company's remaining DIP and unsecured claims will share in further recoveries by the bankruptcy estates. As a result of the settlement of the litigation, the Company wrote off $\$ 44$ million of pre-petition debt during the fourth quarter of fiscal year 2007 and wrote off $\$ 17$ million in the first quarter of fiscal year 2008.

On December 26, 2007, the Company received $\$ 3$ million, which is a share of the settlement proceeds from the VarTec estates' litigation against certain former directors and officers. At May 31, 2008, the Company had a receivable for $\$ 3$ million, which has a payment priority from the bankruptcy estates; in addition, the Company will share in recoveries that are in excess of the amount required to repay the DIP financing and cover expenses of the estates.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

(e) 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.

As of May 31, 2008 and 2007, RTFC had $\$ 492$ million and $\$ 493$ 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 $100 \%$ 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.

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

## Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K

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. 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 May 31, 2008.
(f) Pioneer Electric Cooperative, Inc. ("Pioneer") is an electric distribution cooperative located in Greenville, Alabama. Pioneer had also invested in a propane gas operation, which it has sold. Pioneer has experienced deterioration in its financial condition as a result of losses in the gas operation. At May 31, 2008 and 2007, National Rural had a total of $\$ 52$ million in loans outstanding to Pioneer. Pioneer was current with respect to all debt service payments at May 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.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

On March 9, 2006, National Rural and Pioneer agreed on the terms of a debt modification that resulted in the loans being classified as restructured. Under the amended agreement, National Rural extended the maturity of the outstanding loans and granted a two-year deferral of principal payments. In addition, National Rural agreed to make available a line of credit for general corporate purposes. The restructured loans are secured by first liens on substantially all of the assets and revenues of Pioneer.

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

## (16) Gain on Sale of Building and Land

On October 18, 2005, National Rural sold its headquarters facility in Fairfax County, Virginia to an affiliate of Prentiss Properties Acquisition Partners, L.P. for $\$ 85$ million. The assets had a net book value of $\$ 40$ million, thus generating a total gain of $\$ 43$ million during the year ended May 31, 2006, net of $\$ 2$ million in closing and other related costs. The headquarters facility consists of two six-story buildings and adjacent parking garages situated on ten acres of land and two acres of unimproved land adjacent to the office buildings. On the sale date, National Rural entered into a three-year lease with the new building owner for approximately one-third of the office space. In September 2007, the Company exercised the option to extend the lease for an additional one-year period. The Company has the option to extend the lease for an additional one-year period in fiscal year 2009. The terms of these extensions are similar to the initial three-year lease.

## (17) <br> 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 effect loan securitization transactions and intercompany transaction elimination entries. The segment presentation for the years ended May 31, 2008, 2007 and 2006 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.

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

The following chart contains consolidated statements of operations for the years ended May 31, 2008, 2007 and 2006 and consolidated balance sheets as of May 31, 2008 and 2007.

| (in thousands) | For the year ended May 31, 2008 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | National Rural |  | RTFC |  | NCSC | Consolidated |  |
| Statement of Operations: |  |  |  |  |  |  |  |
| Interest income |  |  | \$ | 946,550 | \$ | 89,072 | \$ 33,918 | \$ | 1,069,540 |
| Interest expense |  | $(825,796)$ |  | $(83,767)$ | $(27,326)$ |  | $(936,889)$ |
| Net interest income |  | 120,754 |  | 5,305 | 6,592 |  | 132,651 |
| Recovery of loan losses |  | 30,097 |  | - | 165 |  | 30,262 |
| Net interest income after recovery of loan losses |  | 150,851 |  | 5,305 | 6,757 |  | 162,913 |
| Non-interest income: |  |  |  |  |  |  |  |
| Rental and other income |  | 834 |  | - | 627 |  | 1,461 |
| Derivative cash settlements |  | 28,416 |  | - | $(1,383)$ |  | 27,033 |
| Results of operations of foreclosed assets |  | 7,528 |  | - | - |  | 7,528 |
| Total non-interest income |  | 36,778 |  | - | (756) |  | 36,022 |
| Non-interest expense: |  |  |  |  |  |  |  |
| General and administrative |  | (50, ) |  | (5, | ) |  | (60, ) |
| expenses |  | (50,976 |  | (5,366 | (4,127 |  | (60,469 |
| Recovery of guarantee |  |  |  |  |  |  |  |
| liability |  | 3,104 |  | - | - |  | 3,104 |
| Market adjustment of |  | ) |  |  |  |  | ) |
| foreclosed assets |  | (5,840 |  | - | - |  | (5,840 |
| Derivative forward value |  | $(87,496)$ |  | - | $(11,247)$ |  | $(98,743)$ |
| Foreign currency adjustments |  | - |  | - | - |  | - |
| Loss on sale of loans |  | (676) |  | - | - |  | (676) |
| Total non-interest |  | ) |  | ) | ) |  | ( ) |
| expense |  | (141,884 |  | (5,366 | (15,374 |  | (162,624 |
| Income (loss) prior to income taxes and minority <br> interest <br> 45,745 <br> (61) <br> $(9,373)$ <br> 36,311 |  |  |  |  |  |  |  |
| Income tax (expense) benefit |  | - |  | (231) | 3,566 |  | 3,335 |
| Income per segment reporting | \$ | 45,745 | \$ | (292) | \$ $(5,807)$ | \$ | 39,646 |
| Reconciliation of net income: |  |  |  |  |  |  |  |
| Net income per segment reporting |  |  |  |  |  | \$ | 39,646 |
|  |  |  |  |  |  |  | 6,099 |


| Minority interest, net of income taxes |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Net income per consolidated statement of operations |  |  |  | 45,745 |
| Assets: |  |  |  |  |
| Total loans outstanding | \$ 16,886,407 | \$1,726,514 | \$414,074 | \$19,026,995 |
| Deferred origination fees | 2,045 | - | - | 2,045 |
| Less: Allowance for loan | ) |  | ) | ) |
| losses | (514,626 | - | (280 | (514,906 |
| Loans to members, net | 16,373,826 | 1,726,514 | 413,794 | 18,514,134 |
| Other assets | 639,115 | 182,388 | 43,744 | 865,247 |
| Total assets | \$ 17,012,941 | \$ 1,908,902 | \$457,538 | \$19,379,381 |

116

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

## NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

| (in thousands) | For the year ended May 31, 2007 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | National Rural |  | RTFC | NCSC | Consolidated |
| Statement of Operations: |  |  |  |  |  |
| Interest income | \$ 916,913 | \$ | 105,614 | \$ 31,697 | \$ 1,054,224 |
| Interest expense | $(870,186)$ |  | $(99,224)$ | $(27,320)$ | $(996,730)$ |
| Net interest income | 46,727 |  | 6,390 | 4,377 | 57,494 |
|  |  |  |  |  |  |
| Recovery of loan losses | 5,499 |  | - | 1,423 | 6,922 |
| Net interest income after recovery of loan losses | 52,226 |  | 6,390 | 5,800 | 64,416 |
| Non-interest income: |  |  |  |  |  |
| Rental and other income | 888 |  | - | 645 | 1,533 |
| Derivative cash settlements | 86,040 |  | - | 402 | 86,442 |
| Results of operations of foreclosed assets | 9,758 |  | - | - | 9,758 |
|  |  |  |  |  |  |
| Total non-interest income | 96,686 |  | - | 1,047 | 97,733 |
| Non-interest expense: |  |  |  |  |  |
| General and administrative expenses | $\begin{gathered} { }_{(43,029}{ }^{\prime} \end{gathered}$ |  | $(5,373)$ | $\begin{array}{r} \text { (3,487 } \end{array}$ | $\begin{gathered} \left.{ }^{(51,889}\right) \end{gathered}$ |
| Recovery of guarantee |  |  |  |  |  |
| liability | 1,700 |  | - | - | 1,700 |
| Derivative forward value | $(79,744)$ |  | - | 463 | $(79,281)$ |
| Foreign currency adjustments | $\begin{array}{r}  \\ (14,554 \end{array}$ |  | - | - | $\begin{gathered} \\ (14,554 \end{gathered}$ |
| Loss on sale of loans | $(1,584)$ |  | - | - | $(1,584)$ |
|  |  |  |  |  |  |
| Total non-interest expense | $(137,211$ |  | ${ }_{(5,373}{ }^{\text {) }}$ | $\begin{gathered} \text { (3,024 } \end{gathered}$ | $\begin{gathered} \text { (145,608 } \end{gathered}$ |

Income prior to income taxes

| and minority |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| $\quad$ interest | 11,701 |  | 1,017 | 3,823 |  | 16,541 |
| Income tax expense | $\$$ | - |  | $(945)$ | $(1,451)$ | $(2,396)$ |
| Income per segment reporting | $\$$ | $\$, 701$ | 72 | $\$$ | 2,372 | $\$$ |

Reconciliation of net income:
Net income per segment \$
reporting 14,145
$(2,444)$

Minority interest, net of income
taxes
Net income per consolidated statement of

operations $\quad \$$| 11,701 |
| :--- |

| Assets: |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Total loans outstanding | \$ 15,805,290 | \$1,860,379 | \$462,538 | \$ 18,128,207 |
| Deferred origination fees | 3,666 | - | - | 3,666 |
| Less: Allowance for loan | ) |  | ) | ) |
| losses | (561,113 | - | (550 | (561,663 |
| Loans to members, net | 15,247,843 | 1,860,379 | 461,988 | 17,570,210 |
| Other assets | 764,528 | 189,716 | 50,727 | 1,004,971 |
| Total assets | \$16,012,371 | \$2,050,095 | \$512,715 | \$18,575,181 |

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

| (in thousands) | For the year ended May 31, 2006 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | National Rural | RTFC | NCSC | Consolidated |
| Statement of Operations: |  |  |  |  |
| Interest income | \$ 846,806 | \$ 129,665 | \$ 31,441 | \$ 1,007,912 |
| Interest expense | $(826,836)$ | $(122,824)$ | $(26,276)$ | $(975,936)$ |
| Net interest income | 19,970 | 6,841 | 5,165 | 31,976 |
| (Provision for) recovery of loan | ) |  |  | ) |
| losses | $(23,452$ | - | 212 | $(23,240$ |
| Net interest (loss) income after (provision for) recovery of loan |  |  |  |  |
| losses | $(3,482)$ | 6,841 | 5,377 | 8,736 |
| Non-interest income: |  |  |  |  |
| Rental and other income | 2,017 | - | 381 | 2,398 |
| Derivative cash settlements | 81,809 | - | (926) | 80,883 |
| Results of operations of foreclosed assets | 15,492 | - | - | 15,492 |
| Gain on sale of building and land | 43,431 | - | - | 43,431 |
| Total non-interest income | 142,749 | - | (545) | 142,204 |
| Non-interest expense: |  |  |  |  |
| General and administrative expenses | $(44,589)$ | $(4,849)$ | $(2,651)$ | $(52,089)$ |
| Recovery of guarantee liability | 700 | - | - | 700 |
| Derivative forward value | 22,713 | - | 6,092 | 28,805 |
| Foreign currency adjustments | $(22,594)$ | - | - | $(22,594)$ |
| Total non-interest expense | $(43,770)$ | $(4,849)$ | 3,441 | $(45,178)$ |
| Income prior to income taxes and minority interest | 95,497 | 1,992 | 8,273 | 105,762 |
| Income tax expense | - | (36) | $(3,140)$ | $(3,176)$ |
| Income per segment reporting | \$ 95,497 | \$ 1,956 | \$ 5,133 | \$ 102,586 |
| Reconciliation of net income: |  |  |  |  |
| Net income per segment reporting |  |  |  | \$ 102,586 |
| Minority interest, net of income taxes |  |  |  | $\begin{gathered} \text { (7,089 } \end{gathered}$ |
| Net income per consolidated statement of operations |  |  |  | \$ 95,497 |

# Edgar Filing: NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/ - Form 10-K 

# NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION 

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

Summarized results of operations for the four quarters of fiscal years 2008 and 2007 are as follows:

| (in thousands) | Fiscal Year 2008 Quarters Ended |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | August 31, | November 30, | February 29, | May 31, |  | Total Year |
| Interest income |  | 267,954 | \$ 263,287 | \$ 266,576 | \$ 271,723 |  | \$ 1,069,540 |
| Interest expense |  | $(247,325)$ | $(240,017)$ | $(233,468)$ | $(216,079)$ |  | $(936,889)$ |
| Net interest income |  | 20,629 | 23,270 | 33,108 | 55,644 |  | 132,651 |
| Recovery of (provision for) loan losses |  | - | 14,301 | 33,599 | $(17,638)$ |  | 30,262 |
| Net interest income after recovery of (provision for) loan losses |  | 20,629 | 37,571 | 66,707 | 38,006 |  | 162,913 |
| Non-interest income: |  |  |  |  |  |  |  |
| Derivative cash settlements |  | 8,329 | 11,507 | 10,463 | $(3,266)$ |  | 27,033 |
| Other non-interest income |  | 2,311 | 2,208 | 2,768 | 1,702 |  | 8,989 |
| Total non-interest income |  | 10,640 | 13,715 | 13,231 | $(1,564)$ |  | 36,022 |
| Non-interest expense: |  |  |  |  |  |  |  |
| Derivative forward value |  | $(33,600)$ | $(75,412)$ | $(64,266)$ | 74,535 |  | $(98,743)$ |
| Other non-interest expense |  | $(11,728)$ | $(13,557)$ | $(20,258)$ | $(18,338)$ |  | $(63,881)$ |
| Total non-interest expense |  | $(45,328)$ | $(88,969)$ | (84,524) | 56,197 |  | $(162,624)$ |
| (Loss) income prior to income taxes and minority interest |  | $(14,059)$ | $(37,683)$ | $(4,586)$ | 92,639 |  | 36,311 |
| Income tax benefit (expense) |  | 1,099 | 2,912 | 2,175 | $(2,851)$ |  | 3,335 |
| Minority interest, net of income taxes |  | 1,578 | 4,545 | 2,088 | $(2,112)$ |  | 6,099 |
| Net (loss) income |  | $(11,382)$ | \$ $(30,226)$ | \$ (323) | \$ 87,676 |  | \$ 45,745 |

Fiscal Year 2007
Quarters Ended
(in thousands)

|  | August | November |  |  | Total |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Year |  |  |  |  |  |

119

NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS - (Continued)

## (19) Subsequent Events

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


[^0]:    Tax Status

[^1]:    (Dollar amounts in thousands)
    2008

