

# Rule 2a-7(c)(12) Schedule of Investments

## TIAA-CREF Life Money Market Fund

Fund Information and Unaudited Holdings as of November 30, 2019

Weighted Average Maturity: 45.50 days

Weighted Average Life: 106.58 days

| Issuer                              | Category of Investment      | CUSIP     | Principal Amount (\$) | Maturity Date | Final Maturity Date | Yield/Coupon Rate (%) | Market Value(\$) |
|-------------------------------------|-----------------------------|-----------|-----------------------|---------------|---------------------|-----------------------|------------------|
| Federal Agricultural Mortgage Corp. | U.S. Government Agency Debt | 31315KTF7 | 2,000,000             | 2/18/2020     | 2/18/2020           | 1.6270                | 1,993,067        |
| Federal Agricultural Mortgage Corp. | U.S. Government Agency Debt | 3132X04L2 | 500,000               | 12/2/2019     | 2/26/2020           | 1.6700                | 499,964          |
| Federal Agricultural Mortgage Corp. | U.S. Government Agency Debt | 31422BCE8 | 500,000               | 12/2/2019     | 5/19/2020           | 1.8000                | 499,930          |
| Federal Agricultural Mortgage Corp. | U.S. Government Agency Debt | 31422BEH9 | 500,000               | 12/2/2019     | 7/8/2020            | 1.6400                | 500,103          |
| Federal Agricultural Mortgage Corp. | U.S. Government Agency Debt | 31422BET3 | 500,000               | 12/2/2019     | 7/6/2020            | 1.6500                | 500,133          |
| Federal Agricultural Mortgage Corp. | U.S. Government Agency Debt | 31422BFX3 | 1,000,000             | 12/1/2019     | 9/1/2020            | 1.7300                | 1,000,000        |
| Federal Agricultural Mortgage Corp. | U.S. Government Agency Debt | 31422BGW4 | 2,000,000             | 11/30/2019    | 12/21/2020          | 1.6300                | 2,000,073        |
| Federal Agricultural Mortgage Corp. | U.S. Government Agency Debt | 31422BJY7 | 1,000,000             | 11/30/2019    | 2/8/2021            | 1.6200                | 999,890          |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 313312QK9 | 1,727,000             | 12/12/2019    | 12/12/2019          | 1.6020                | 1,726,242        |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 313312TW0 | 650,000               | 3/4/2020      | 3/4/2020            | 1.6280                | 647,313          |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 313312TY6 | 1,800,000             | 3/6/2020      | 3/6/2020            | 1.6290                | 1,792,400        |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 313312XJ4 | 2,000,000             | 5/27/2020     | 5/27/2020           | 1.6350                | 1,984,267        |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 313312XT2 | 2,300,000             | 6/5/2020      | 6/5/2020            | 1.6350                | 2,280,987        |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 313312XY1 | 2,000,000             | 6/10/2020     | 6/10/2020           | 1.6350                | 1,983,022        |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 3133EH4P5 | 250,000               | 12/2/2019     | 12/26/2019          | 1.6850                | 249,990          |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 3133EHA29 | 500,000               | 12/2/2019     | 9/28/2020           | 1.7300                | 499,984          |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 3133EJ4M8 | 1,000,000             | 12/7/2019     | 1/7/2020            | 1.7399                | 1,000,017        |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 3133EJE96 | 1,000,000             | 12/2/2019     | 7/9/2020            | 1.7900                | 1,000,838        |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 3133EJMF3 | 300,000               | 12/3/2019     | 1/27/2020           | 1.6211                | 299,950          |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 3133EJQM4 | 300,000               | 12/2/2019     | 5/29/2020           | 1.8800                | 300,266          |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 3133EJXA2 | 500,000               | 12/2/2019     | 2/20/2020           | 1.7700                | 500,006          |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 3133EJXB0 | 500,000               | 12/3/2019     | 8/17/2020           | 1.6111                | 499,864          |
| Federal Farm Credit Bank            | U.S. Government Agency Debt | 3133EKDP8 | 500,000               | 12/3/2019     | 1/19/2021           | 1.7261                | 500,130          |
| Federal Home Loan Bank              | U.S. Government Agency Debt | 3130AGN35 | 2,500,000             | 12/2/2019     | 6/19/2020           | 1.5850                | 2,498,951        |
| Federal Home Loan Bank              | U.S. Government Agency Debt | 3130AGWA9 | 500,000               | 12/2/2019     | 5/14/2021           | 1.6050                | 499,310          |
| Federal Home Loan Bank              | U.S. Government Agency Debt | 3130AH7A5 | 1,000,000             | 12/2/2019     | 7/29/2020           | 1.6500                | 999,838          |
| Federal Home Loan Bank              | U.S. Government Agency Debt | 3130AHAP8 | 1,000,000             | 12/2/2019     | 10/7/2020           | 1.6700                | 999,990          |
| Federal Home Loan Bank              | U.S. Government Agency Debt | 3130AHD26 | 2,000,000             | 12/2/2019     | 10/16/2020          | 1.6800                | 1,999,986        |

| Issuer                           | Category of Investment      | CUSIP     | Principal Amount (\$) | Maturity Date | Final Maturity Date | Yield/Coupon Rate (%) | Market Value(\$) |
|----------------------------------|-----------------------------|-----------|-----------------------|---------------|---------------------|-----------------------|------------------|
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384PZ6 | 2,000,000             | 12/2/2019     | 12/2/2019           | 0.0100                | 2,000,000        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384QB8 | 1,110,000             | 12/4/2019     | 12/4/2019           | 1.6020                | 1,109,903        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384QL6 | 3,766,000             | 12/13/2019    | 12/13/2019          | 1.6020                | 3,764,182        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384RA9 | 680,000               | 12/27/2019    | 12/27/2019          | 1.6030                | 679,254          |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384RG6 | 2,565,000             | 1/2/2020      | 1/2/2020            | 1.6140                | 2,561,488        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384RN1 | 697,000               | 1/8/2020      | 1/8/2020            | 1.6140                | 695,861          |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384RQ4 | 1,700,000             | 1/10/2020     | 1/10/2020           | 1.6140                | 1,697,072        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384RV3 | 1,430,000             | 1/15/2020     | 1/15/2020           | 1.6150                | 1,427,221        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384SB6 | 2,600,000             | 1/21/2020     | 1/21/2020           | 1.6150                | 2,594,258        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384SC4 | 2,000,000             | 1/22/2020     | 1/22/2020           | 1.6150                | 1,995,495        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384SJ9 | 1,000,000             | 1/28/2020     | 1/28/2020           | 1.6160                | 997,483          |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384SS9 | 1,400,000             | 2/5/2020      | 2/5/2020            | 1.6260                | 1,395,956        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384SZ3 | 2,000,000             | 2/12/2020     | 2/12/2020           | 1.6270                | 1,993,600        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384TG4 | 2,000,000             | 2/19/2020     | 2/19/2020           | 1.6270                | 1,992,978        |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384TJ8 | 475,000               | 2/21/2020     | 2/21/2020           | 1.6280                | 473,290          |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384TP4 | 721,000               | 2/26/2020     | 2/26/2020           | 1.6280                | 718,244          |
| Federal Home Loan Bank           | U.S. Government Agency Debt | 313384UL1 | 270,000               | 3/18/2020     | 3/18/2020           | 1.6290                | 268,716          |
| Federal Home Loan Mortgage Corp. | U.S. Government Agency Debt | 313396RT2 | 2,000,000             | 1/13/2020     | 1/13/2020           | 1.6150                | 1,996,290        |
| Federal Home Loan Mortgage Corp. | U.S. Government Agency Debt | 313396TH6 | 2,000,000             | 2/20/2020     | 2/20/2020           | 1.6280                | 1,992,889        |
| Federal Home Loan Mortgage Corp. | U.S. Government Agency Debt | 313396VJ9 | 100,000               | 4/9/2020      | 4/9/2020            | 1.6310                | 99,427           |
| Federal Home Loan Mortgage Corp. | U.S. Government Agency Debt | 3134GT2K8 | 2,000,000             | 11/30/2019    | 2/20/2020           | 1.5500                | 1,999,909        |
| Federal Home Loan Mortgage Corp. | U.S. Government Agency Debt | 3134GTLJ0 | 2,000,000             | 11/30/2019    | 4/29/2020           | 1.5900                | 1,999,703        |
| Federal National Mortgage Assoc. | U.S. Government Agency Debt | 313588SK2 | 1,800,000             | 1/29/2020     | 1/29/2020           | 1.6160                | 1,795,389        |
| Federal National Mortgage Assoc. | U.S. Government Agency Debt | 313588SS5 | 2,000,000             | 2/5/2020      | 2/5/2020            | 1.6260                | 1,994,222        |
| Federal National Mortgage Assoc. | U.S. Government Agency Debt | 3135G0V26 | 500,000               | 11/30/2019    | 7/30/2020           | 1.6100                | 499,998          |
| Federal National Mortgage Assoc. | U.S. Government Agency Debt | 3135G0V67 | 500,000               | 11/30/2019    | 10/30/2020          | 1.6250                | 499,883          |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796RN1 | 1,189,000             | 12/5/2019     | 12/5/2019           | 1.4120                | 1,188,862        |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796RY7 | 1,960,000             | 1/30/2020     | 1/30/2020           | 1.6050                | 1,954,927        |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796SD2 | 500,000               | 2/27/2020     | 2/27/2020           | 1.5820                | 498,121          |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796SW0 | 562,000               | 12/12/2019    | 12/12/2019          | 1.6070                | 561,753          |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796TB5 | 2,000,000             | 1/16/2020     | 1/16/2020           | 1.5860                | 1,996,095        |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796TC3 | 2,000,000             | 1/23/2020     | 1/23/2020           | 1.5770                | 1,995,515        |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796TF6 | 2,010,000             | 2/13/2020     | 2/13/2020           | 1.5900                | 2,003,626        |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796TG4 | 1,163,000             | 2/20/2020     | 2/20/2020           | 1.5890                | 1,158,962        |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796WH8 | 230,000               | 12/10/2019    | 12/10/2019          | 1.6070                | 229,919          |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796WJ4 | 5,570,000             | 12/17/2019    | 12/17/2019          | 1.6010                | 5,566,336        |
| U.S. Treasury Bill               | U.S. Treasury Debt          | 912796WN5 | 3,000,000             | 1/14/2020     | 1/14/2020           | 1.5900                | 2,994,389        |
| U.S. Treasury Note               | U.S. Treasury Debt          | 9128283S7 | 3,000,000             | 1/31/2020     | 1/31/2020           | 2.0000                | 3,001,555        |
| U.S. Treasury Note               | U.S. Treasury Debt          | 9128283T5 | 2,500,000             | 12/3/2019     | 1/31/2020           | 1.5661                | 2,499,866        |
| U.S. Treasury Note               | U.S. Treasury Debt          | 9128284K3 | 4,500,000             | 12/3/2019     | 4/30/2020           | 1.5991                | 4,499,424        |

| <b>Issuer</b>      | <b>Category of Investment</b> | <b>CUSIP</b> | <b>Principal Amount (\$)</b> | <b>Maturity Date</b> | <b>Final Maturity Date</b> | <b>Yield/Coupon Rate (%)</b> | <b>Market Value(\$)</b> |
|--------------------|-------------------------------|--------------|------------------------------|----------------------|----------------------------|------------------------------|-------------------------|
| U.S. Treasury Note | U.S. Treasury Debt            | 912828J50    | 2,000,000                    | 2/29/2020            | 2/29/2020                  | 1.3750                       | 1,998,438               |