## Executive Summary September 9, 2011

The Revenue Estimating Conference has adopted recommended interest rates for use in the state planning and budgeting process. The first is a long-term interest rate used for government issues of 20 years or more initiated in the years displayed below:

Long-Term Interest Rate

| Fiscal <br> Year | $\mathbf{2 0 1 1 - 1 2}$ | $\mathbf{2 0 1 2 - 1 3}$ | $\mathbf{2 0 1 3 - 1 4}$ | $\mathbf{2 0 1 4 - 1 5}$ | $\mathbf{2 0 1 5 - 1 6}$ | $\mathbf{2 0 1 6 - 1 7}$ | $\mathbf{2 0 1 7 - 1 8}$ | $\mathbf{2 0 1 8 - 1 9}$ | $\mathbf{2 0 1 9 - 2 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest <br> Rate | $5.75 \%$ | $5.75 \%$ | $5.75 \%$ | $5.75 \%$ | $5.75 \%$ | $5.75 \%$ | $5.75 \%$ | $5.75 \%$ | $5.75 \%$ |

The second rate is a short-term (or variable) interest rate of $2.00 \%$.
Both rates have been reduced from the prior forecast; however, they still take into account the current and historic volatility of the credit market. They will be revisited in the Fall of 2012.

Interest rates used for calculations supporting the Public Education Capital Outlay (PECO) program are determined separately.

# Division of Bond Finance 

## Interest Rate Calculations

## Economic Estimating Conference

September 9, 2011

## Division of Bond Finance

## Calculation of Long-Term Interest Rate

## Long-Term Interest Rate Recommendation*

| Current Long -Term Interest Rate $^{1}$ | $4.50 \%$ | $4.50 \%$ |
| :--- | :--- | :--- |
| Plus: Volatility Spread ${ }^{2}$ | $0.75 \%$ | $1.50 \%$ |
|  |  | $5.25 \%$ |
| Recommended Long-Term Interest Rate Range for FY 2011-12: | $6.00 \%$ |  |

## Calculation of Short-Term Interest Rate

Short-Term Interest Rate Recommendation*

| Average SIFMA Rate - Past Twelve Months | $0.23 \%$ | $0.23 \%$ |  |
| :--- | ---: | ---: | ---: |
| Plus: Volatility Spread | Total | $1.50 \%$ | $\frac{2.00 \%}{}$ |
|  | $1.73 \%$ | $2.23 \%$ |  |
| Recommended Short-Term Interest Rate Range for FY 2011-12: | $1.75 \%$ | to $2.25 \%$ |  |

[^0]

## Change in Bond Buyer 11 GO Bond Average Annual Interest Rates Year to Year

## Fiscal Year 1991 through 2011

Fiscal Year BB 11 GO Average Change from Prior Year

| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | $\underline{2003}$ | 2004 | $\underline{2005}$ | $\underline{2006}$ | 2007 | 2008 | $\underline{2009}$ | 2010 | 2011 | All yrs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7.00\% | 6.59\% | 5.93\% | 5.54\% | 6.20\% | 5.69\% | 5.63\% | 5.18\% | 5.02\% | 5.75\% | 5.30\% | 5.09\% | 4.72\% | 4.70\% | 4.42\% | 4.37\% | 4.24\% | 4.49\% | 4.79\% | 4.09\% | 4.31\% | 5.19\% |
| (0.06)\% | (0.41)\% | (0.66)\% | (0.39)\% | 0.67\% | (0.52)\% | (0.06)\% | (0.45)\% | (0.16)\% | 0.74\% | (0.46)\% | (0.21)\% | (0.37)\% | (0.01)\% | (0.28)\% | (0.05)\% | (0.13)\% | 0.25\% | 0.30\% | (0.71)\% | 0.22\% | (0.13)\% |

Annual Change in Bond Buyer 11 GO Bond Average Interest Rate Index
Fiscal Years 1991 through 2011


## Division of Bond Finance

Calculation of Short-Term Interest Rate
Average SIFMA Rate - Past 12 Months

|  | Date | SIFMA |  |
| :---: | :---: | :---: | :---: |
|  | 09/01/2010 | 0.25\% |  |
|  | 09/08/2010 | 0.27\% |  |
|  | 09/15/2010 | 0.29\% |  |
|  | 09/22/2010 | 0.30\% |  |
|  | 09/29/2010 | 0.27\% |  |
|  | 10/06/2010 | 0.25\% |  |
|  | 10/13/2010 | 0.27\% |  |
|  | 10/20/2010 | 0.30\% |  |
|  | 10/27/2010 | 0.28\% |  |
|  | 11/03/2010 | 0.26\% |  |
|  | 11/10/2010 | 0.27\% |  |
|  | 11/17/2010 | 0.28\% |  |
|  | 11/24/2010 | 0.27\% |  |
|  | 12/01/2010 | 0.27\% |  |
|  | 12/08/2010 | 0.27\% |  |
|  | 12/15/2010 | 0.30\% |  |
|  | 12/22/2010 | 0.34\% |  |
|  | 12/29/2010 | 0.34\% |  |
|  | 01/05/2011 | 0.23\% |  |
|  | 01/12/2011 | 0.24\% |  |
|  | 01/19/2011 | 0.27\% |  |
|  | 01/26/2011 | 0.29\% |  |
|  | 02/02/2011 | 0.26\% |  |
|  | 02/09/2011 | 0.27\% |  |
|  | 02/16/2011 | 0.28\% |  |
|  | 02/23/2011 | 0.26\% |  |
|  | 03/02/2011 | 0.24\% |  |
|  | 03/09/2011 | 0.25\% |  |
|  | 03/16/2011 | 0.26\% |  |
|  | 03/23/2011 | 0.25\% |  |
|  | 03/30/2011 | 0.25\% |  |
|  | 04/06/2011 | 0.25\% |  |
|  | 04/13/2011 | 0.25\% |  |
|  | 04/20/2011 | 0.27\% |  |
|  | 04/27/2011 | 0.26\% |  |
|  | 05/04/2011 | 0.23\% |  |
|  | 05/11/2011 | 0.21\% |  |
|  | 05/18/2011 | 0.20\% |  |
|  | 05/25/2011 | 0.18\% |  |
|  | 06/01/2011 | 0.15\% |  |
|  | 06/08/2011 | 0.13\% |  |
|  | 06/15/2011 | 0.12\% |  |
|  | 06/22/2011 | 0.11\% |  |
|  | 06/29/2011 | 0.09\% |  |
|  | 07/06/2011 | 0.08\% |  |
|  | 07/13/2011 | 0.07\% |  |
|  | 07/20/2011 | 0.07\% |  |
|  | 07/27/2011 | 0.08\% |  |
|  | 08/03/2011 | 0.18\% |  |
|  | 08/10/2011 | 0.18\% |  |
|  | 08/17/2011 | 0.20\% |  |
|  | 08/24/2011 | 0.21\% |  |
|  | 08/31/2011 | 0.19\% |  |
| 12-month Average: |  | 0.23\% | 0.23\% |
| Plus: volatility spread |  | 1.50\% | 2.00\% |
| Recommendation: |  | 1.75\% | 2.25\% |

Change in SIFMA Average Annual Interest Rates Year to Year

## Fiscal Year 1991 through 2011

| Fiscal Year | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Avg all yrs |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BMA Average | 5.15\% | 3.67\% | 2.46\% | 2.44\% | 3.58\% | 3.62\% | 3.54\% | 3.62\% | 21\% | 3.76\% | 3.73\% | 7\% | 6\% | 98\% | .86\% | 3.00\% | 3.62\% | 99\% | 1.39\% | 0.28\% | 0.25 | 2.67\% |
| Change from Prior Year | (0.86)\% | (1.47)\% | (1.21)\% | (0.02)\% | 1.14\% | 0.04\% | (0.08)\% | 0.08\% | (0.41)\% | 0.55\% | (0.02)\% | (2.06)\% | (0.42)\% | (0.28)\% | 0.88\% | 1.14\% | 0.62\% | (0.74)\% | (1.49)\% | (1.12)\% | (0.03)\% | (0.27)\% |

Annual Change in SIFMA Average Index Fiscal Years 1991 through 2011


Everglades Series 2007A-B Variable Rate Bonds Tracking



[^0]:    * The Division of Bond Finance has supplied the above interest rates to assist the REC in adopting official rates that would be used by the state agencies for planning and budgetary purposes for Fiscal Year 2012-13, except for PECO interest rates which are adopted through a separate process. There can be no assurance that actual interest rates for any particular bond issue will not exceed the rates shown above.

