STATE OF RHODE ISLAND INVESTMENT COMMISSION MEETING

DATA AT
October 31, 2012
November 28, 2012
MEETING

MEMBERS OF THE STATE INVESTMENT COMMISSION

## Honorable Gina M. Raimondo, Chair

Ms. Rosemary Booth Gallogly
Mr. Thomas P. Fay
Ms. Paula M. McNamara
Mr. Andrew K. Reilly

Mr. J. Michael Costello
Mr. Robert Giudici
Ms. Marcia Reback

## AGENDA

# State of Rhode Island and Providence Plantations Office of the General Treasurer 

## Gina M. Raimondo

General Treasurer

## RHODE ISLAND STATE INVESTMENT COMMISSION MEETING NOTICE

The next meeting of the Rhode Island State Investment Commission has been scheduled for Wednesday, November 28, 2012 at 9:00 a.m. in Room 135 of the State House.

## AGENDA

- Chairperson Call to Order
- Membership Roll Call
- Approval of Minutes
- State Investment Commission Meeting held on October 24, 2012*
- PCA Infrastructure Education
- BNY Mcllon Transition Update
- D/C Plan Update
- Legal Counsel Rcport
- Chief Investment Officer Report
- Treasurer's Report
* Commission members may be asked to vote on this item.


## APPROVAL OF MINUTES

State Investment Commission<br>Monthly Meeting Minutes<br>Wednesday, October 24, 2012<br>9:00 a.m.<br>Room 135, State House

The Monthly Meeting of the State Investment Commission (SIC) was called to order at 9:03 a.m., Wednesday, October 24, 2012 in Room 135, State House.

## I. Roll Call of Members

The following members were present: Mr. Thomas Fay, Mr. Robert Giudici, Ms. Paula McNamara, Mr. Andrew Reilly, General Treasurer Gina Raimondo and Mr. Frank Karpinksi. Ms. Rosemary Booth Gallogly arrived at 9:11 a.m.
Also in attendance: Mr. Thomas Lynch and Mr. Steve Nesbitt of Cliffwater, Alternative Investment Consultant to the Commission; Mr. Allan Emkin and Mr. John Burns, of Pension Consulting Alliance (PCA), General Policy Consultant to the Commission; Ms. Sally Dowling, of Adler Pollock Legal Counsel to the Commission; Mr. Charles Bauer and Mr. E. Murphy Markham IV of EnCap Investments; Kenneth Goodreau, chief investment officer and members of the Governor's, Treasurer's and Auditor General's staff.

Treasurer Raimondo called the meeting to order at 9:03 a.m.

## II. Approval of Minutes

On a motion by Mr. Fay and seconded by Mr. Reilly, it was unanimously
VOTED: To approve the draft of the minutes of the September 26, 2012 meeting of the State Investment Commission.

On a motion by Mr. Giudici and seconded by Mr. Fay, it was unanimously
VOTED: To approve the draft of the minutes of the October 10, 2012 meeting of the State Investment Commission.

## III. Alternative Consultant Recommendation

Mr. Lynch introduced Mr. Bauer and Mr. Murphy from EnCap to present EnCap Energy Capital Fund IX.
Mr. Bauer emphasized consistency of personnel, returns and strategy. He explained they have been in private equity for 25 years and gave an account of their history. He pointed out no fund has lost money and only one fund has not achieved its targeted rate of return.
EnCap has invested in about 200 companies and has turned $\$ 4.4 \mathrm{~B}$ into $\$ 11.8 \mathrm{~B}$ for a cumulative $62 \%$ gross IRR and 2.7 X multiple. Out of the 200 companies only 5 of them have returned less than cost and the aggregate total of those 5 is less than $\$ 50 \mathrm{M}$. Mr. Bauer
explained they have a credit mentality and they do not use a lot of leverage for big acquisitions.
Mr. Markham took the board through the presentation starting with their track record and the track record of their portfolio companies. He made clear there have been no environmental issues with any of their companies. Mr. Markham explained Fund IX will consist of 20-25 portfolio companies and he detailed the process of investing in these companies. He pointed out EnCap does not fund exploration and only develops in areas with proven production. Their typical hold period is about 2.5-3 years and he explained how the energy opportunity has evolved over the firm's history.
Treasurer Raimondo asked about the key members of the staff and Mr. Bauer explained their financial commitment as well as their intentions to stay with EnCap for years to come.
Mr. Lynch recommended the committee invest $\$ 20$ million in Fund IX. He explained he thinks it fits our portfolio well and EnCap are a top-tier manager in the space.
Mr. Reilly and Mr. Goodreau explained our energy exposure within the private equity portfolio.
Ms. McNamara asked about the fee structure and Mr. Lynch explained it is in line with market rates.

On a motion by Mr. Fay and seconded by Mr. Reilly, it was unanimously
VOTED: to commit $\$ 20$ million to EnCap Investments, for investment in EnCap Energy Capital Fund IX predicated on satisfactory completion of all due diligence.

## IV. Hedge Fund Monitoring Process Presentation

Mr. Nesbitt walked the group through the presentation on monitoring hedge funds and started off by reviewing the roles of the SIC, the consultant and Treasury staff. He then reviewed the overall portfolio planning process including asset allocation as well as benchmark and risk/return objectives. Mr. Nesbitt then described the tasks of manager/fund selection including investment strategies review, screening, investment due diligence, operations due diligence and legal review. He described portfolio construction tasks including return and risk objectives, manager diversification, liquidity and rebalancing. Mr. Nesbitt then explained Cliffwater's individual manager monitoring process including manager contact, data collection, investment and performance review, operations review and exception review. Cliffwater has an analyst assigned to each manager in the portfolio and they touch base with managers at least once a month to collect portfolio information and any changes of strategy. He explained they compile an extensive list of data points relating to the underlying portfolio and summarize it in a quarterly report.
Ms. Booth Gallogly asked Mr. Nesbit to elaborate on the legal process, more specifically regarding the regulatory environment. Mr. Lynch pointed out all managers in the portfolio are SEC registered. Mr. Nesbitt explained the process by which Cliffwater is notified of SEC inquiries.
Mr. Kem Edwards, Treasury staffer, gave a brief presentation on internal risk management processes. Mr. Goodreau pointed out that being indexed in equity allows staff to focus on monitoring other asset classes and BNY Mellon's platform should assist in analytics as well.

Ms. Anne-Marie Fink, Treasury staffer, pointed out staff will look at risk from both a qualitative and quantitative perspective. Mr. Nesbitt discussed reporting and portfolio administration. He then explained the watch list and formal process for making a manager switch and pointed out on average there is a $10 \%$ annual turnover in managers, including 2008 where there was more than usual.

## V. Risk Management Discussion

Treasurer Raimondo thanked the board for the feedback during the interim meeting and introduced Mr. Emkin.
Mr. Emkin reviewed the RFI review process and Ms. Fink began her presentation. She reviewed the impact of risk mitigation in five different market scenarios including status quo, low-rate policy, growth slows, growth spike and "nirvana"-a strong economy with credible deficit reduction plan. She explained non-US equity and the Russell 3000 would be very expensive to hedge so were not included in the initial analysis. The S\&P 500 is more liquid, thus less expensive to hedge and is highly correlated to the Russell 3000 so the chart focused on the S\&P 500. Ms. Fink then cross- referenced the scenarios with the potential hedges including a $90 \%$ S\&P 500 put, a $90 \% / 110 \%$ S\&P 500 collar, a $90 \% / 104 \%$ S\&P 500 collar or a shift of $10 \%$ from equity to cash. She provided the calculated return expectations under each cross-referenced scenario.
Mr. Giudici asked about timing of the market and Ms. Fink said included in these scenarios are market-timing assumptions.
Ms. Fink pointed out given the concern about market timing, the cost of the hedges and of potential lost upside, and the math presented, it is not compelling to hedge at this time. She explained the US equity portfolio would not get enough downside protection for the expense incurred.
Treasurer Raimondo also pointed out pricing has gotten more expensive since this analysis was completed a couple days ago. Mr. Emkin agreed and said the VIX increased $20 \%$ in ten days.
The board theoretically discussed the pros and cons of moving to cash and it was determined no action would be taken on the RFI at this time.

## VI. Legal Counsel Report

There was no legal update.

## VII. CIO Report

Mr. Goodreau updated the board on the equity transition approved by the board to make the equity bucket more global. Treasury staff and Russell spearheaded the transition. He also updated the board on the fixed income transition.

## VIII. Treasurer's Report

Treasurer Raimondo updated the board on the first fixed income implementation and explained the first RFP will go out next week. She pointed out the custodian transition is also on track to be complete on time and on budget the night of October $31^{\text {st }}$. She said the board should get an update on real estate in the next couple months. Mr. Emkin added there will also be an infrastructure education presentation next meeting.

## IX. Adjournment

There being no other business to come before the Board, on a motion by Mr. Reilly and seconded by Ms. Booth Gallogly the meeting adjourned at 10:40 a.m.

Respectfully submitted,

Gina M. Raimondo
General Treasurer


## STAFF SUMMARY

## RHODE ISLAND STATE INVESTMENT COMMISSION

STAFF SUMMARY ANALYSIS
PORTFOLIO HIGHLIGHTS
October 31, 2012

## PORTFOLIO PERFORMANCE

## October

The ERSRI portfolio posted a $0.13 \%$ loss for the month of October, against the policy index of $-0.4 \%$. Global Equities lost $0.51 \%$, the Fixed Income asset class returned $0.52 \%$, and the Real Return class returned $0.31 \%$.

## Calendar Year to Date

For the ten months ending October 31, 2012, the portfolio is up 9.78\% against the policy index of $9.65 \%$. Global Equities were up $12.57 \%$, fixed income returned $7.09 \%$, while Real Return generated a return of $5.71 \%$.

## Fiscal Year to Date

For the Fiscal Year ended June 30, 2013, the fund has gained 4.35\%, against the policy index of $4.31 \%$.

| Index Performance Summary - October 31, 2012 |  |  |
| :--- | :--- | ---: |
| Market Indices | Oct-12 | Calendar <br> YTD |
| Global Equity |  |  |
| S \& P 500 | $-1.85 \%$ | $14.29 \%$ |
| MSCI AC World | $-0.67 \%$ | $12.12 \%$ |
| Russell 2000 | $-2.17 \%$ | $11.75 \%$ |
| MSCI ACWI ex US | $0.39 \%$ | $10.81 \%$ |
| Policy Index | $-0.40 \%$ | $9.65 \%$ |
|  |  |  |
| Fixed Income | $0.20 \%$ | $4.20 \%$ |
| BC AGG | $-0.35 \%$ | $3.06 \%$ |
| HFRI Fund Wgt Com |  |  |
| Real Return |  | $5.90 \%$ |
| CPI +4\% | $0.29 \%$ |  |


| ERSRI Performance By Asset Class | Oct-12 | $\begin{aligned} & \hline \text { Calendar } \\ & \text { YTD } \end{aligned}$ |
| :---: | :---: | :---: |
| Global Equity | -0.51\% | 12.57\% |
| Fixed Income | 0.52\% | 7.09\% |
| Real Return | 0.31\% | 5.71\% |
| Total Fund Composite | -0.13\% | 9.78\% |
| Manager Summary | Oct-12 | CYTD |
| GLOBAL EQUITY |  |  |
| SSGA Russell 3000 | -1.72\% |  |
| Russell Overlay | -0.02\% | 0.12\% |
| MSCI EAFE | 0.85\% |  |
| MSCI Canada | -0.32\% |  |
| MSCI Emerging | -0.63\% |  |
| Global Equity Hedge Funds | 0.44\% | 5.80\% |
| Total Global Equity | -0.51\% | 12.57\% |
| FIXED INCOME |  |  |
| Mackay FI - Core |  |  |
| Pyramis FI-Core |  |  |
| Taplin Canida \& Habacht |  |  |
| Fixed Income Cash Acct |  |  |
| Mackay Shield |  |  |
| Alternative Fixed Income | 0.15\% | -0.31\% |
| Total Fixed Income | 0.52\% | 7.09\% |
| Real Return |  |  |
| Brown Bros TIPS |  |  |
| Alternative Absolute Return | 0.09\% | 4.08\% |
| Total Real Return | 0.31\% | 5.71\% |

## Market Valuation Report <br> October 31, 2012

## Market Values

The total portfolio value decreased in October by $\$ 48.9$ million to $\$ 7.38$ billion. This compares with an increase in value of $\$ 378.0$ million for the same period in 2011. The Global Equity Market values decreased by $\$ 23.6$ million, including transfers out of $\$ 0.0$ million; Fixed Income decreased by $\$ 339.4$ millio including transfers out of $\$ 340.0$ million. The Cash Accounts increased by $\$ 314.6$ million including transfers in of $\$ 314.3$ million, and Alternative Investments decreased by $\$ 3.9$ million, including transfers out of $\$ 3.7$ million. The Real Return Pool increased by $\$ 2.3$ million including transfers in of $\$ 0.0$ million. The overlay account decreased by $\$ 1.5$ million, including transfers in of $\$ 0.0$ million.


## Cash Flow

October's pension payroll of $\$ 77.1$ million was greater than the $\$ 40.6$ million in contributions and wire transfers received by $\$ 36.5$ million. To meet pension and other obligations, a transfer from long-term investments of $\$ 39.4$ million was necessary.

## Alternative Investments

At this time the alternative investment asset class has unfunded commitments of approximately $\$ 211.8$ million on commitments of $\$ 1,146$ million.

## CAPITAL CALLS

Net of Distributions

| $\begin{gathered} \text { October } \\ 2012 \end{gathered}$ | FYTD | UNFUNDED BALANCE |
| :---: | :---: | :---: |
| -\$3,307,348 | -\$15,840,573 | \$ 211,761,073 |
| $\begin{gathered} \text { October } \\ 2011 \end{gathered}$ | FYTD | UNFUNDED BALANCE |
| -\$13,137,466 | -\$25,160,428 | \$156,044,269 |



## PERFORMANCE

# State of Rhode Island and Providence Plantations <br> Office of the General Treasurer 

## Gina M. Raimondo

## General Treasurer

State Investment Commission
State of Rhode Island, State House
Providence, Rhode Island
This is to certify that the amounts so listed below belong to the credit of the Employees' Retirement, State Police and Judiciary Retirement Systems, and the Municipal Employees' Retirement System of the State of Rhode Island at the close of business on October 31, 2012.

## Employees' Retirement System of Rhode Island

## Composite Reporting Investment Valuation

October 31, 2012

| Asset Class |  |  |
| :---: | :---: | :---: |
| Cash/Short Term Investments |  | 830,505,214 |
| Global Equities |  | 3,673,742,762 |
| Fixed Income - Government | \$406,505,550 |  |
| Fixed Income - Corporate | \$257,611,816 |  |
| Fixed Income - In State | \$0 |  |
| Total Fixed Income |  | 1,165,260,075 |
| Real Return |  | 832,342,034 |
| Alternative Investments |  | 606,694,230 |
| Real Estate |  | 275,167,129 |
| Total Fund Investments |  | 7,383,711,445 |
| Plan Allocation |  |  |
| State Employees \& Teachers | 82.05\% | 6,058,622,673 |
| Municipal Employees | 16.21\% | 1,197,188,985 |
| State Police | 1.15\% | 84,608,606 |
| Judicial | 0.59\% | 43,291,180 |
| Total Fund Investments | 100.00\% | 7,383,711,445 |

The amount listed for alternative investments designation is illiquid and does not have a readily determinable market value. It is based on appraisals only.


## State of Rhode Island

Summary of Performance
Periods Ending 10/31/2012

|  | Ending Market Value | \% of plan | 1 Month | 3 Month | YTD | 1 Year | 3 Year | 5 Year | 10 Year | ITD | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SSGA MSCI EAFE INDEX NL | 1,099,346,254 | 14.9 | 0.8 |  |  |  |  |  |  |  | 08/12 |
| MSCI EAFE (NET) |  |  | 0.8 |  |  |  |  |  |  |  | 08/12 |
| SSGA MSCI CANADA INDEX NL | 131,693,750 | 1.8 | -0.3 |  |  |  |  |  |  |  | 08/12 |
| MSCI CANADA ( NET) |  |  | -0.4 |  |  |  |  |  |  |  | 08/12 |
| SSGA MSCI EMERG MKTS INDEX NL | 416,192,090 | 5.6 | -0.6 |  |  |  |  |  |  |  | 08/12 |
| MSCI EMERGING MARKETS (NET) |  |  | -0.6 |  |  |  |  |  |  |  | 08/12 |
| INTERNATIONAL PUBLIC EQUITY | 1,647,250,026 | 22.3 | 0.4 | 6.3 | 10.9 | 4.1 | 3.9 |  |  | 12.2 | 05/09 |
| MSCI AC WORLD ex US (NET) |  |  | 0.4 | 6.3 | 10.8 | 4.0 | 3.7 |  |  | 11.9 | 05/09 |
| SSGA RUSSELL 3000 INDEX NL | 1,584,407,227 | 21.5 | -1.7 |  |  |  |  |  |  |  | 08/12 |
| RUSSELL 3000 INDEX |  |  | -1.7 |  |  |  |  |  |  |  | 08/12 |
| ALTERNATIVE EQUITY | 535,315,590 | 7.2 | 0.4 | 2.9 | 5.8 | 5.0 |  |  |  | 5.0 | 11/11 |
| HFRX EQUITY HEDGE |  |  | 0.4 | 2.1 | 3.8 | 1.6 |  |  |  | 1.6 | 11/11 |
| TOTAL GLOBAL EQUITY | 3,766,974,326 | 51.0 | -0.5 | 4.7 | 12.6 | 10.5 | 9.9 | -1.0 | 8.1 | 2.2 | 07/00 |
| MSCI AC WORLD (NET) |  |  | -0.7 | 4.7 | 12.1 | 8.5 | 7.5 | -2.9 | 7.8 | 1.9 | 07/00 |
| PYRAMIS - FI-CORE | 548,689,545 |  |  |  |  |  |  |  |  |  | 09/12 |
| MACKAY SHIELDS - FI - CORE | 547,234,767 |  |  |  |  |  |  |  |  |  | 09/12 |
| ALTERNATIVE FIXED INCOME | 139,422,340 | 1.9 | 0.2 | 0.4 | -0.3 |  |  |  |  | -0.8 | 12/11 |
| Barclays Aggregate Bond |  |  | 0.2 | 0.4 | 4.2 |  |  |  |  | 5.3 | 12/11 |
| TOTAL FIXED INCOME | 1,259,483,035 | 17.1 | 0.5 | 1.6 | 7.1 | 7.6 | 6.4 | 6.3 | 6.2 |  | 01/93 |
| Barclays Aggregate Bond |  |  | 0.2 | 0.4 | 4.2 | 5.3 | 6.1 | 6.4 | 5.4 |  | 01/93 |


|  | Ending Market Value | \% of plan | 1 Month | 3 Month | YTD | 1 Year | 3 Year | 5 Year | 10 Year | ITD | Inception Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BROWN BROTHERS - GLOBAL ILBS | 388,935,284 |  |  |  |  |  |  |  |  |  | 09/12 |
| ALTERNATIVE ABSOLUTE RETURN | 365,183,250 | 4.9 | 0.1 | 1.9 | 4.1 | 4.5 |  |  |  | 4.5 | 11/11 |
| HFRI Fund of Funds Composite Index |  |  | -0.4 | 1.3 | 3.1 | 1.5 |  |  |  | 1.5 | 11/11 |
| TOTAL ALTERNATIVE ABSOLUTE RETURN | 754,119,147 | 10.2 | 0.3 | 1.4 | 5.7 | 6.5 | 8.6 |  |  | 8.6 | 11/09 |
| CPI + 4\% |  |  | 0.3 | 2.0 | 5.9 | 6.2 | 6.3 |  |  | 6.3 | 11/09 |
| REAL ESTATE | 275,167,720 | 3.7 | 0.7 | 2.3 | 7.7 | 10.6 | 8.4 | -5.3 |  | -0.6 | 01/05 |
| NCREIF PROPERTY LAG + 100 BPS |  |  | 0.1 | 2.9 | 9.4 | 13.1 | 9.9 | 3.6 |  | 8.8 | 01/05 |
| PRIVATE EQUITY | 606,731,448 | 8.2 | -0.3 | 0.5 | 8.8 | 5.0 | 14.3 | 4.0 | 10.7 |  | 02/89 |
| S\&P 500 PLUS 300 BP |  |  | -1.6 | 3.7 | 17.1 | 18.6 | 16.6 | 3.4 | 10.1 |  | 02/89 |
| TOTAL ALTERNATIVE INVESTMENTS | 881,899,168 | 11.9 | 0.0 | 1.0 | 8.4 | 6.7 | 12.8 | 1.2 | 8.8 | 8.3 | 04/96 |
| TOTAL ALTERNATIVES BENCHMARK |  |  | -1.0 | 3.3 | 13.7 | 16.1 | 13.8 | 3.6 | 9.7 |  | 04/96 |
| RUSSELL IMPLEMENTATION SERVICES | 69,745,675 | 0.9 | 0.0 | 0.1 | 0.1 | 0.1 | -0.1 |  |  | -0.2 | 09/08 |
| CASH ACCOUNT (INSIDE) | 648,569,731 | 8.8 | 0.0 | 0.1 | 0.2 | 0.2 | 0.2 | 1.5 | 9.3 | 17.4 | 07/00 |
| 91 DAY TREASURY BILL |  |  | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.7 | 1.8 | 2.2 | 07/00 |
| CASH ACCOUNT (OUTSIDE) | 1,445,826 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 1.7 | 2.2 | 07/00 |
| 91 DAY TREASURY BILL |  |  | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.7 | 1.8 | 2.2 | 07/00 |
| Other | 1,474,536 | 0.0 |  |  |  |  |  |  |  |  | 11/11 |
| TOTAL PLAN | 7,383,711,445 | 100.0 | -0.1 | 3.2 | 9.8 | 8.7 | 9.4 | 1.1 | 7.9 |  | 02/84 |
| TOTAL PLAN BENCHMARK |  |  | -0.4 | 3.1 | 9.7 | 9.0 | 9.3 | 0.8 | 7.7 |  | 02/84 |

Employees' Retirement System of the State of Rhode Island
Hedge Fund Portfolio
Portfolio Performance Summary
ClIFFWATERuc
Estimated as of October 31, 2012

|  |  |  |  |  |  | Returns |  |  |  |  | Sharpe | Incep |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fund | Market Value | Actual \% | Oct | YTD | FYTD | 1 Year | 3 Year | 5 Year | Incep | Std Dev | Ratio | Date |
| Global Equities |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascend Partners Fund II LP | 61,030,287 | 5.9\% | -0.47\% | 2.33\% | -0.11\% | 1.72\% | - | - | 1.72\% | 1.46\% | 0.86 | Nov-11 |
| Davidson Kempner Institutional Partners, L.P. | 64,046,315 | 6.2\% | 0.45\% | 6.40\% | 3.10\% | 6.75\% | - | - | 6.75\% | 1.53\% | 3.98 | Nov-11 |
| Elliott Associates, L.P. | 65,186,811 | 6.3\% | 0.90\% | 10.86\% | 5.60\% | 8.64\% | - | - | 8.64\% | 4.59\% | 1.73 | Nov-11 |
| Indus Asia Pacific Fund, LP | 41,672,382 | 4.0\% | 0.50\% | 4.18\% | 3.83\% | - | - | - | 4.18\% | 6.90\% | - | Jan-12 |
| Mason Capital Ltd. | 56,731,429 | 5.5\% | -2.85\% | -5.45\% | -4.38\% | - | - | - | -5.45\% | 4.88\% | - | Jan-12 |
| PFM Diversified Fund, L.P. | 29,093,171 | 2.8\% | 0.18\% | - | 3.49\% | - | - | - | -3.02\% | 6.65\% | - | Mar-12 |
| PFM Diversifed Offshore Fund A.I., Ltd. | 29,001,701 | 2.8\% | 0.10\% | - | 3.35\% | - | - | - | -3.33\% | 6.66\% | - | Mar-12 |
| Samlyn Onshore Fund, L.P. | 64,875,074 | 6.2\% | 1.68\% | 8.13\% | 5.58\% | - | - | - | 8.13\% | 5.41\% | - | Jan-12 |
| Third Point Partners Qualified L.P. | 56,213,382 | 5.4\% | 2.40\% | 12.43\% | 8.81\% | - | - | - | 12.43\% | 5.64\% | - | Jan-12 |
| Viking Global Equities, LP | 67,582,592 | 6.5\% | 1.24\% | 12.80\% | 5.39\% | - | - | - | 12.64\% | 2.96\% | - | Dec-11 |
| Total Global Equities | 535,433,144 | 51.5\% | 0.46\% | 5.65\% | 3.40\% | 4.71\% | - | - | 4.71\% | 3.26\% | 1.29 | Nov-11 |
| MSCI AC World Index Free - Net |  |  | -0.67\% | 12.11\% | 6.12\% | 8.54\% | - | - | 8.54\% | 14.19\% | 0.61 | Nov-11 |
| Russell 3000 Index (DRI) |  |  | -1.72\% | 14.13\% | 4.40\% | 14.75\% | - | - | 14.75\% | 10.83\% | 1.29 | Nov-11 |
| HFRI Equity Hedge (Total) Index |  |  | 0.16\% | 5.68\% | 3.65\% | 2.60\% | - | - | 2.60\% | 7.88\% | 0.30 | Nov-11 |
| Real Return |  |  |  |  |  |  |  |  |  |  |  |  |
| BlueCrest Capital LP | 20,967,515 | 2.0\% | -0.05\% | 4.84\% | 2.43\% | - | - | - | 4.84\% | 1.78\% | - | Jan-12 |
| Brevan Howard LP | 76,722,408 | 7.4\% | -0.36\% | 1.17\% | 4.98\% | 2.30\% | - | - | 2.30\% | 4.83\% | 0.40 | Nov-11 |
| Brigade Leveraged Capital Structures Fund LP | 51,523,520 | 5.0\% | 0.11\% | - | 1.55\% | - | - | - | 3.05\% | 1.47\% | - | Mar-12 |
| Capula Global Relative Value Fund Ltd. | 49,823,639 | 4.8\% | -0.23\% | -0.11\% | 0.67\% | - | - | - | -0.35\% | 1.69\% | - | Dec-11 |
| DE Shaw Composite International Fund | 54,860,726 | 5.3\% | 0.30\% | 9.38\% | 3.80\% | 9.72\% | - | - | 9.72\% | 3.10\% | 2.87 | Nov-11 |
| Gracie Credit Opportunities Fund, L.P. | 38,065,658 | 3.7\% | 0.50\% | -3.79\% | -1.56\% | - | - | - | -4.84\% | 3.97\% | - | Dec-11 |
| Graham Global Investment Fund Ltd. - Discretionary 6V Portfolio | 50,725,742 | 4.9\% | -0.38\% | 1.45\% | 0.98\% | - | - | - | 1.45\% | 2.20\% | - | Jan-12 |
| OZ Domestic Partners II, L.P. | 82,275,274 | 7.9\% | 0.83\% | 10.30\% | 4.77\% | 9.70\% | - | - | 9.70\% | 2.83\% | 3.13 | Nov-11 |
| Wexford Spectrum Fund, LP | 50,997,677 | 4.9\% | 0.48\% | 2.00\% | 1.73\% | - | - | - | 2.00\% | 4.44\% | - | Jan-12 |
| Winton Futures Fund Limited | 28,635,710 | 2.8\% | -2.54\% | -5.79\% | -1.75\% | - | - | - | -4.55\% | 7.25\% | - | Dec-11 |
| Total Real Return | 504,597,869 | 48.5\% | 0.00\% | 3.06\% | 2.28\% | 3.30\% | - | - | 3.30\% | 1.88\% | 1.49 | Nov-11 |
| ML 3-month T-Bills |  |  | 0.01\% | 0.07\% | 0.04\% | 0.07\% | - | - | 0.07\% | 0.02\% | -21.33 | Nov-11 |
| HFRI Fund of Funds Composite Index |  |  | -0.45\% | 2.95\% | 1.95\% | 1.38\% | - | - | 1.38\% | 3.59\% | 0.27 | Nov-11 |
| Total Hedge Fund Portfolio | 1,040,031,013 | 100.0\% | 0.23\% | 4.37\% | 2.85\% | 4.10\% | - | - | 4.10\% | 2.34\% | 1.53 | Nov-11 |
| HFRI Fund of Funds Composite Index |  |  | -0.45\% | 2.95\% | 1.95\% | 1.38\% | - | - | 1.38\% | 3.59\% | 0.27 | Nov-11 |
| Market Indices |  |  |  |  |  |  |  |  |  |  |  |  |
| Libor3Month |  |  | 0.03\% | 0.37\% | 0.13\% | 0.46\% | - | - | 0.46\% | 0.02\% | - | Nov-11 |
| Barclays Aggregate Bond Index |  |  | 0.20\% | 4.21\% | 1.80\% | 5.26\% | - | - | 5.26\% | 2.11\% | 2.23 | Nov-11 |
| Barclays High Yield Credit Bond Index |  |  | 0.88\% | 13.10\% | 5.45\% | 13.60\% | - | - | 13.60\% | 5.49\% | 2.28 | Nov-11 |
| S\&P 500 TR |  |  | -1.85\% | 14.28\% | 4.39\% | 15.19\% | - | - | 15.19\% | 10.61\% | 1.35 | Nov-11 |
| MSCI EAFE - Net |  |  | 0.83\% | 11.00\% | 7.81\% | 4.61\% | - | - | 4.61\% | 17.65\% | 0.31 | Nov-11 |
| MSCI EMF (Emerging Markets Free) - Net |  |  | -0.61\% | 11.31\% | 7.09\% | 2.64\% | - | - | 2.64\% | 20.95\% | 0.20 | Nov-11 |


|  |  |  |  |  | Trailing Returns |  |  |  | Calendar Year Returns |  |  |  | $\begin{gathered} 5 \mathrm{Yr} \\ \text { Std Dev } \end{gathered}$ | Sharpe Ratio |  |  | Start Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | YTD | Oct | Sep | Aug | 1 Year | 3 Year | 5 Year | 2011 | 2010 | 2009 | 2008 | 2007 |  | 3 yr | 5 yr | Incep. |  |
| Global Equities |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ascend Partners Fund II LP | 2.73\% | -0.54\% | 0.11\% | 0.58\% | 2.12\% | 1.43\% | 2.25\% | -3.02\% | 2.94\% | 13.61\% | -3.58\% | 15.36\% | 4.72\% | 0.27 | 0.27 | 0.92 | Jan-04 |
| Davidson Kempner Institutional Partners, LP | 6.36\% | 0.45\% | 1.17\% | 0.79\% | 6.70\% | 6.41\% | 4.44\% | 1.27\% | 9.17\% | 17.79\% | -9.03\% | 6.56\% | 4.90\% | 1.68 | 0.70 | 1.48 | Mar-96 |
| Elliott Associates, L.P. (HFR98) | 10.51\% | 0.90\% | 1.90\% | 2.50\% | 10.18\% | 8.10\% | 10.38\% | 3.94\% | 7.39\% | 30.85\% | -3.08\% | 32.07\% | 5.83\% | 2.30 | 1.55 | 1.79 | Feb-77 |
| Indus Asia Pacific Fund | 4.94\% | 0.50\% | 1.00\% | 1.20\% | 0.89\% | 2.31\% | -0.84\% | -7.18\% | 7.36\% | 25.45\% | -28.99\% | 33.49\% | 9.29\% | 0.29 | -0.16 | 0.72 | Dec-00 |
| Mason Capital, Ltd. | -5.80\% | -2.88\% | -1.16\% | 1.23\% | -7.78\% | 4.24\% | 2.71\% | 4.20\% | 9.62\% | 25.16\% | -15.42\% | 16.75\% | 8.41\% | 0.68 | 0.23 | 0.70 | Feb-02 |
| PFM Diversified Fund, LP | 0.90\% | 0.11\% | 1.62\% | 2.09\% | -0.93\% | 2.31\% | 2.97\% | -3.35\% | 4.36\% | 21.35\% | -6.10\% | 31.21\% | 7.11\% | 0.32 | 0.30 | 0.82 | Nov-04 |
| Samlyn Capital - Composite | 9.14\% | 1.68\% | 1.59\% | 1.79\% | 8.37\% | 3.52\% | 7.77\% | -5.05\% | 1.98\% | 23.57\% | 6.62\% | - | 9.00\% | 0.40 | 0.76 | 1.03 | Mar-07 |
| Third Point Partners L.P. | 13.95\% | 2.40\% | 3.20\% | 1.70\% | 12.59\% | 20.69\% | 8.46\% | -0.54\% | 41.52\% | 38.14\% | -32.84\% | 16.61\% | 14.43\% | 1.70 | 0.56 | 1.22 | Jun-95 |
| Viking Global Equities | 12.42\% | 1.20\% | 1.10\% | 0.90\% | 14.89\% | 9.27\% | 9.37\% | 7.71\% | 3.67\% | 19.20\% | -0.73\% | 38.97\% | 7.34\% | 1.48 | 1.12 | 1.47 | Oct-99 |
| Real Return |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| BlueCrest Capital International Limited | 4.90\% | -0.05\% | 0.64\% | 0.43\% | 6.45\% | 8.87\% | 15.20\% | 6.10\% | 12.80\% | 45.41\% | 6.26\% | 10.80\% | 5.37\% | 2.88 | 2.48 | 1.84 | Dec-00 |
| Brigade Leveraged Capital Structures Fund | 5.29\% | 0.13\% | 0.18\% | 0.90\% | 4.65\% | 5.74\% | 6.18\% | 2.55\% | 7.66\% | 39.64\% | -17.14\% | 10.15\% | 7.61\% | 1.90 | 0.69 | 0.76 | Jan-07 |
| Brevan Howard L.P. (Series B) | 1.12\% | -0.36\% | 1.88\% | 1.02\% | 2.29\% | 4.60\% | 10.42\% | 11.33\% | 0.92\% | 17.10\% | 19.14\% | 23.60\% | 7.35\% | 0.86 | 1.25 | 1.28 | Sep-05 |
| Capula Global Relative Value Fund Limited | -0.25\% | -0.23\% | -0.12\% | 0.43\% | 0.90\% | 5.39\% | 8.55\% | 6.19\% | 9.58\% | 12.24\% | 9.45\% | 18.00\% | 5.41\% | 2.03 | 1.35 | 1.61 | Oct-05 |
| DE Shaw Composite International Fund | 7.40\% | 0.30\% | 1.90\% | 1.30\% | 7.08\% | 5.02\% | 5.18\% | 3.69\% | 1.56\% | 21.31\% | -9.81\% | 7.15\% | 6.63\% | 1.07 | 0.64 | 1.30 | Mar-01 |
| Gracie Credit Opportunities Fund L.P. | -3.84\% | 0.50\% | -1.00\% | 0.10\% | -4.24\% | 0.32\% | 7.06\% | 0.10\% | 4.44\% | 16.18\% | 17.94\% | 18.45\% | 6.20\% | 0.00 | 0.96 | 1.21 | Jul-04 |
| Graham Discretionary - 6V Portfolio | 1.45\% | -0.38\% | 0.36\% | 0.25\% | 2.58\% | 4.36\% | 8.33\% | 3.56\% | 7.10\% | 17.13\% | 8.66\% | -6.88\% | 5.08\% | 1.58 | 1.40 | 0.79 | Jun-04 |
| OZ Master Fund, Ltd | 9.10\% | 0.83\% | 1.09\% | 1.27\% | 8.46\% | 6.14\% | 4.12\% | -0.48\% | 8.52\% | 23.11\% | -15.92\% | 11.48\% | 5.99\% | 1.64 | 0.53 | 1.67 | Apr-94 |
| Wexford Spectrum Fund, L.P. | 1.90\% | 0.60\% | 0.69\% | 0.71\% | 1.64\% | 3.44\% | 2.92\% | -3.44\% | 8.45\% | 30.76\% | -13.87\% | 13.03\% | 9.66\% | 0.48 | 0.24 | 0.93 | Apr-97 |
| Winton Futures Fund - USD Class B | -5.79\% | -2.54\% | -2.18\% | -1.29\% | -3.31\% | 5.54\% | 6.31\% | 6.29\% | 14.47\% | -4.64\% | 21.01\% | 17.97\% | 9.38\% | 0.62 | 0.59 | 0.70 | Oct-97 |
| Benchmarks |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HFRI Fund of Funds Composite Index | 2.95\% | -0.45\% | 0.87\% | 0.75\% | 1.38\% | 1.38\% | -2.31\% | -5.72\% | 5.70\% | 11.47\% | -21.37\% | 10.25\% | 6.40\% | 0.25 | -0.50 | 0.59 | Jan-90 |
| HFRI Fund Weighted Composite Index | 4.33\% | -0.49\% | 1.32\% | 0.84\% | 2.47\% | 3.86\% | 0.81\% | -5.25\% | 10.25\% | 19.98\% | -19.03\% | 9.96\% | 7.80\% | 0.59 | 0.01 | 0.99 | Jan-90 |
| Market Indices |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Month Libor - BOM | 0.37\% | 0.03\% | 0.03\% | 0.04\% | 0.46\% | 0.37\% | 1.06\% | 0.35\% | 0.35\% | 0.65\% | 2.79\% | 5.25\% | 0.35\% |  |  |  | Mar-86 |
| Barclays Aggregate Bond Index | 4.21\% | 0.20\% | 0.14\% | 0.07\% | 5.26\% | 6.10\% | 6.39\% | 7.86\% | 6.56\% | 5.93\% | 5.24\% | 6.96\% | 3.56\% |  |  |  | Jan-76 |
| Barclays High Yield Credit Bond Index | 13.10\% | 0.88\% | 1.39\% | 1.17\% | 13.60\% | 12.55\% | 9.40\% | 4.98\% | 15.11\% | 58.21\% | -26.15\% | 1.88\% | 14.13\% |  |  |  | Jul-83 |
| S\&P 500 (TR) | 14.29\% | -1.85\% | 2.58\% | 2.25\% | 15.21\% | 13.21\% | 0.36\% | 2.11\% | 15.06\% | 26.46\% | -37.00\% | 5.49\% | 19.15\% |  |  |  | Jan-70 |
| MSCI EAFE - Net - USD | 11.00\% | 0.83\% | 2.96\% | 2.69\% | 4.61\% | 2.83\% | -5.81\% | -12.14\% | 7.75\% | 31.78\% | -43.38\% | 11.17\% | 23.45\% |  |  |  | Dec-69 |
| MSCI EM (EMERGING MARKETS) - Net - USD | 11.30\% | -0.61\% | 6.03\% | -0.33\% | 2.63\% | 5.38\% | -3.47\% | -18.42\% | 18.88\% | 78.51\% | -53.33\% | 39.42\% | 29.14\% |  |  |  | Jan-99 |


| ERSRI Monthly Market Value Report |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Valuation Change |  |  |  |
|  | $\begin{gathered} \text { Market Value } \\ \text { 9/30/2012 } \end{gathered}$ | Transfers <br> In/(out) | $\begin{gathered} \text { Market Value } \\ \text { 10/31/2012 } \end{gathered}$ | Market Value Increase/decrease |
| Global Equity |  |  |  |  |
| Shott Capital Management IRR | 979,912 | (1) | 986,640 | 6,728 |
| Russell 3000 Index Fund | 1,612,176,517 |  | 1,584,407,227 | $(27,769,291)$ |
| Transition Account | 2,540,002 | 25 | 507,312 | $(2,032,716)$ |
| MSCI EAFE Index Fund | 1,090,091,830 |  | 1,099,346,254 | 9,254,424 |
| MSCI Canada Index Fund | 132,117,793 |  | 131,693,750 | $(424,043)$ |
| MSCI Emerging Mkts Index Fund | 418,833,316 |  | 416,192,090 | $(2,641,226)$ |
| Sub-Total Global Equity | 3,256,739,371 | 25 | 3,233,133,273 | (23,606,123) |
| Global Equity Hedge Funds |  |  |  |  |
| Davidson Kempner | 63,707,580 | - | 64,046,280 | 338,700 |
| Mason Capital | 58,386,600 | - | 56,713,200 | $(1,673,400)$ |
| Viking Global Equities III | 66,771,900 | - | 67,554,780 | 782,880 |
| Ascend Partners Fund II | 61,293,300 | - | 60,986,280 | $(307,020)$ |
| Elliott Associates | 64,605,360 | - | 65,186,760 | 581,400 |
| Third Point Partners | 54,952,950 | - | 56,213,350 | 1,260,400 |
| PFM Diversified | 57,932,790 | - | 58,067,520 | 134,730 |
| Samlyn On/Off Shore Fund | 63,791,340 | - | 64,875,060 | 1,083,720 |
| Indus Asia Pacific Fund | 41,528,040 | - | 41,672,360 | 144,320 |
| Sub-Total Global Equity Hedge Funds | 532,969,860 | - | 535,315,590 | 2,345,730 |
| Total Global Equity | 3,789,709,231 | 25 | 3,768,448,863 | (21,260,393) |
| Fixed Income |  |  |  |  |
| Pyramis Global Advisors | 418,854,739 | $(418,438,898)$ | 415,840 | - |
| Pyramis Core - FI |  | 548,689,545 | 548,689,545 |  |
| Brown Brothers, Harriman | 414,541,951 | $(412,640,850)$ | 1,901,102 |  |
| Taplin, Canida \& Habacht | 423,871,487 | $(423,798,789)$ | 72,698 | - |
| Fixed Income Transition |  | 16,855,469 | 16,855,469 | - |
| Mackay Shields Core - FI |  | 547,234,767 | 547,234,767 | - |
| Mackay Shields | 202,377,361 | $(197,486,087)$ | 4,891,274 |  |
| Sub-Total Fixed Income | 1,459,645,539 | $(339,584,844)$ | 1,120,060,695 |  |
| Alternative Fixed Income |  |  |  |  |
| Capula Global Master Fund | 49,874,050 | - | 49,823,600 | $(50,450)$ |
| Brigade Leveraged Capital | 51,468,500 | - | 51,533,100 | 64,600 |
| Gracie Credit Fund | 37,864,920 | - | 38,065,640 | 200,720 |
| Sub-Total Alternative Fixed Income | 139,207,470 | - | 139,422,340 | 214,870 |
| Total Fixed Income | 1,598,853,009 | $(339,584,844)$ | 1,259,483,035 | 214,870 |
| Alternative Investments |  |  |  |  |
| Private Equity | 611,716,301 | $(3,307,438)$ | 606,731,448 | (1,677,415) |
|  | 273,882,954 | $(555,633)$ | 275,167,720 | 1,840,399 |
| Total Alternatives | 885,599,255 | $(3,863,070)$ | 881,899,168 | 162,984 |
| Cash Accounts |  |  |  |  |
| Cash in Trust | 334,019,983 | 314,298,147 | 648,569,731 | 251,601 |
| Cash Outside Trust | 1,376,584 | - | 1,445,826 | 69,242 |
| Total Cash | 335,396,567 | 314,298,147 | 650,015,557 | 320,843 |
| Real Return Pool |  |  |  |  |
| Brown Bros TIPS | 386,934,115 | $(386,933,502)$ | 613 | - |
| Brown Bros Global TIPS | - | 386,933,502 | 388,935,284 | 2,001,782 |
| Sub-Total Real Return | 386,934,115 | (0) | 388,935,897 |  |
| Alternative Absolute Return |  |  |  |  |
| Brevan Howard Master Fund | 76,944,975 | - | 76,722,375 | $(222,600)$ |
| OZ Domestic Partners II | 81,273,975 | - | 82,275,225 | 1,001,250 |
| DE Shaw Composite Fund | 54,688,100 | - | 54,860,700 | 172,600 |
| Graham Global Inv Fund | 50,923,950 | - | 50,725,700 | $(198,250)$ |
| Wexford Spectrum Fund | 50,655,150 | - | 50,997,650 | 342,500 |
| Winton Future Fund Ltd | 29,381,910 | - | 28,634,100 | $(747,810)$ |
| Blue Crest Capital | 20,980,440 |  | 20,967,500 | $(12,940)$ |
| Sub-Total Alt Absolute Return | 364,848,500 | - | 365,183,250 | 334,750 |
| Total Real Return | 751,782,615 | (0) | 754,119,147 | 334,750 |
| Other |  |  |  |  |
| Russell Overlay | 71,282,505 | - | 69,745,675 | $(1,536,830)$ |
| Total Plan Ex PE \& RE |  |  |  |  |
| Total Plan | 7,432,623,182 | $(29,149,743)$ | 7,383,711,445 | $(21,763,776)$ |



## State of Rhode Island

## TOTAL PLAN

Benchmark: TOTAL PLAN BENCHMARK
October 31, 2007 - October 31, 2012

RISK VS. RETURN


| RISK INFORMATION |  | RISK STATISTICS |  |
| :--- | ---: | :--- | :--- |
| Portfolio Return | 1.30 | Historic Beta | 0.91 |
| Benchmark Return | 0.82 | R-squared | 0.99 |
| Return Differences | 0.48 | Jensen's Alpha | 0.49 |
| Portfolio Standard Deviation | 12.42 | Sharpe Ratio | 0.05 |
| Benchmark Standard | 13.64 | Treynor Ratio | 0.69 |
| Tracking Error | 1.90 | Information Ratio | 0.25 |

## ASSET <br> ALLOCATION

## Asset Summary

| Asset Class | Physical Exposure |  | Synthetic Exposure |  | Net Position |  | Overlay Target |  | Policy Target |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Market Value | 7,418.3 | 100.0\% | 0.0 | 0.0\% | 7,418.3 | 100.0\% | 7,418.3 | 100.0\% | 7,418.3 | 100.00\% |
| Cash | 218.3 | 2.9\% | -201.8 | -2.7\% | 16.4 | 0.2\% | 21.8 | 0.3\% | 0.0 | 0.00\% |
| Cash | 218.3 | 2.9\% | -201.8 | -2.7\% | 16.4 | 0.2\% | 21.8 | 0.3\% | 0.0 | 0.00\% |
| Equity | 4,379.4 | 59.0\% | 201.8 | 2.7\% | 4,581.2 | 61.8\% | 4,574.3 | 61.7\% | 4,540.0 | 61.20\% |
| US Equity | 1,585.4 | 21.4\% | 126.6 | 1.7\% | 1,712.0 | 23.1\% | 1,713.8 | 23.1\% | 1,669.1 | 22.50\% |
| Private Equity | 613.8 | 8.3\% | 0.0 | 0.0\% | 613.8 | 8.3\% | 613.8 | 8.3\% | 667.6 | 9.00\% |
| International Developed | 1,231.0 | 16.6\% | 75.2 | 1.0\% | 1,306.2 | 17.6\% | 1,302.5 | 17.6\% | 1,268.5 | 17.10\% |
| International EM | 416.2 | 5.6\% | 0.0 | 0.0\% | 416.2 | 5.6\% | 411.3 | 5.5\% | 400.6 | 5.40\% |
| Alternative Equity | 533.0 | 7.2\% | 0.0 | 0.0\% | 533.0 | 7.2\% | 533.0 | 7.2\% | 534.1 | 7.20\% |
| Fixed | 1,119.7 | 15.1\% | 0.0 | 0.0\% | 1,119.7 | 15.1\% | 1,121.2 | 15.1\% | 1,112.7 | 15.00\% |
| Fixed Income | 1,119.7 | 15.1\% | 0.0 | 0.0\% | 1,119.7 | 15.1\% | 1,121.2 | 15.1\% | 1,112.7 | 15.00\% |
| Other | 1,701.0 | 22.9\% | 0.0 | 0.0\% | 1,701.0 | 22.9\% | 1,701.0 | 22.9\% | 1,765.5 | 23.80\% |
| Real Estate | 273.9 | 3.7\% | 0.0 | 0.0\% | 273.9 | 3.7\% | 273.9 | 3.7\% | 304.1 | 4.10\% |
| Real Assets | 790.9 | 10.7\% | 0.0 | 0.0\% | 790.9 | 10.7\% | 790.9 | 10.7\% | 823.4 | 11.10\% |
| Alternative FI - Credit | 139.2 | 1.9\% | 0.0 | 0.0\% | 139.2 | 1.9\% | 139.2 | 1.9\% | 140.9 | 1.90\% |
| Tactical Cash | 497.0 | 6.7\% | 0.0 | 0.0\% | 497.0 | 6.7\% | 497.0 | 6.7\% | 497.0 | 6.70\% |

Deviations from Target Allocation


CASH FLOW

Employees Retirement System

| FISCAL YEAR 2013 | $\begin{gathered} \text { FY 2012-13 } \\ \text { Actual } \\ \text { July } \\ 2012 \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual August | Actual September | Actual October | Projected November | Projected December | Projected January 2013 | Projected February | Projected March | Projected April | $\begin{gathered} \text { Projected } \\ \text { May } \end{gathered}$ | $\begin{aligned} & \text { Projected } \\ & \text { June } \end{aligned}$ | TOTAL |
| MEMBER BENEFITS | 69,405,592 | 70,338,986 | 70,150,727 | 69,952,061 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 70,000,000 | 839,847,365 |
| ADMINISTRATIVE <br> EXPENSES | 287,720 | 705,326 | 541,540 | 442,410 | 418,609 | 763,480 | 566,091 | 729,552 | 1,080,787 | 568,054 | 474,315 | 897,153 | 7,475,036 |
| INVESTMENT <br> EXPENSES | 954,598 | 209,630 | 334,436 | 1,078,332 | 6,757 | 517,797 | 501,413 | 228,446 | 666,823 | 405,876 | 173,652 | 420,419 | 5,498,179 |
| total outalow | 70,647,910 | 71,253,942 | 71,026,703 | 71,472,802 | 70,425,365 | 71,281,277 | 71,067,504 | 70,957,998 | 71,747,610 | 70,973,930 | 70,647,967 | 71,317,572 | 852,820,580 |
| Contributions | 53,930,531 | 28,770,623 | 21,497,658 | 35,941,474 | 49,232,033 | 41,087,919 | 49,365,444 | 44,163,220 | 54, 087,522 | 42,467,147 | 44,302,044 | 46,667,601 | 511,513,216 |
| OTHER INCOME* | 5,459,146 | 2,906,960 | 7,523,067 | 7,613,442 | 8,542,405 | 10,450,579 | 4,447,436 | 6,041,223 | 5,261,846 | 990,900 | 7,436,249 | 11,059,760 | 77,733,013 |
| total income | 59,389,677 | 31,677,583 | 29,020,725 | 43,554,916 | 57,774,438 | 51,538,498 | 53,812,880 | 50,204,443 | 59,349,368 | 43,458,047 | 51,738,293 | 57,727,361 | 589,246,229 |
| DIFFERENCE | (11,258,232) | $(39,576,359)$ | $(42,005,978)$ | $(27,917,885)$ | $(12,650,927)$ | $(19,742,779)$ | $(17,254,623)$ | $(20,753,556)$ | $(12,398,243)$ | $(27,515,883)$ | $(18,909,674)$ | $(13,590,211)$ | (263,574,350) |


|  | $\begin{gathered} \hline \text { Actual } \\ \text { July } \\ 2012 \\ \hline \end{gathered}$ | Actual August | $\begin{aligned} & \text { Actual } \\ & \text { September } \end{aligned}$ | Actual October | Actual November | Projected December | $\begin{gathered} \text { Projected } \\ \text { January } \\ 2013 \\ \hline \end{gathered}$ | Projected February | Projected March | $\begin{gathered} \text { Projected } \\ \text { April } \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { May } \end{gathered}$ | $\begin{aligned} & \text { Projected } \\ & \text { June } \end{aligned}$ | тотaL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEMBER BENEFITS | 6,888,578 | 7,007,580 | 7,109,456 | 6,997,104 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 84,002,718 |
| ADMINISTRATIVE EXPENSES | 56,172 | 138,204 | 106,647 | 87,420 | 80,412 | 147,098 | 109,377 | 141,222 | 209,477 | 110,375 | 92,345 | 174,971 | 1,453,721 |
| INVESTMENT <br> EXPENSES | 186,366 | 41,076 | 65,861 | 213,079 | 1,298 | 99,763 | 96,880 | 44,221 | 129,243 | 78,864 | 33,809 | 81,994 | 1,072,454 |
| total outflow | 7,131,115 | 7,186,860 | 7,281,964 | 7,297,604 | 7,081,710 | 7,246,861 | 7,206,258 | 7,185,443 | 7,338,720 | 7,189,239 | 7,126,154 | 7,256,965 | 86,528,892 |
| contributions | 5,193,569 | 3,512,997 | 3,491,224 | 4,354,978 | 4,733,696 | 5,048,323 | 6,107,049 | 4,633,750 | 5,058,462 | 4,415,298 | 4,664,657 | 5,420,386 | 56,634,389 |
| OTHER INCOME* | 1,065,789 | 569,601 | 1,481,536 | 1,504,423 | 1,640,949 | 2,013,490 | 859,312 | 1,169,419 | 1,019,846 | 192,536 | 1,447,777 | 2,156,973 | 15,121,649 |
| total income | 6,259,358 | 4,082,598 | 4,972,760 | 5,859,401 | 6,374,645 | 7,061,813 | 6,966,361 | 5,803,169 | 6,078,308 | 4,607,834 | 6,112,434 | 7,577,359 | 71,756,038 |
| DIFFERENCE | $(871,758)$ | $(3,104,262)$ | $(2,309,204)$ | (1,438,203) | (707,066) | $(185,048)$ | $(239,897)$ | $(1,382,274)$ | $(1,260,412)$ | $(2,581,405)$ | $(1,013,720)$ | 320,395 | (14, 772,854 ) |


| Judges/State Police Retirement System | $\begin{aligned} & \hline \text { Actual } \\ & \text { July } \\ & 2012 \end{aligned}$ | Actual August | Actual September | Actual October | Actual November | Projected December | $\begin{gathered} \hline \text { Projected } \\ \text { January } \\ 2013 \\ \hline \end{gathered}$ | Projected February | $\underset{\text { March }}{\text { Projected }}$ March | $\underset{\substack{\text { Projected } \\ \text { April }}}{ }$ April | $\begin{gathered} \text { Projected } \\ \text { May } \end{gathered}$ | $\begin{aligned} & \text { Projected } \\ & \text { June } \end{aligned}$ | тотаL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEMBER BENEFITS | 190,227 | 189,595 | 189,595 | 189,595 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 2,359,012 |
| ADMINISTRATIVE EXPENSES | 5,888 | 14,583 | 11,339 | 9,339 | 8,002 | 14,735 | 11,012 | 14,315 | 21,360 | 11,356 | 9,564 | 18,244 | 149,738 |
| INVESTMENT <br> EXPENSES | 19,536 | 4,334 | 7,002 | 22,764 | 129 | 9,993 | 9,754 | 4,482 | 13,179 | 8,114 | 3,502 | 8,549 | 111,339 |
| total outalow | 215,652 | 208,512 | 207,936 | 221,698 | 208,132 | 224,728 | 220,767 | 218,797 | 234,539 | 219,470 | 213,066 | 226,793 | 2,620,089 |
| CONTRIBUTIONS | 385,000 | 545,000 | 285,000 | 305,000 | 529,000 | 502,000 | 500,000 | 515,000 | 835,000 | 490,000 | 505,000 | 480,000 | 5,876,000 |
| OTHER INCOME* | 111,723 | 60,102 | 157,517 | 160,723 | 163,302 | 201,690 | 86,518 | 118,538 | 103,994 | 19,809 | 149,949 | 224,899 | 1,558,764 |
| total income | 496,723 | 605,102 | 442,517 | 465,723 | 692,302 | 703,690 | 586,518 | 633,538 | 938,994 | 509,809 | 654,949 | 704,899 | 7,434,764 |
| DIFFERENCE | 281,072 | 396,590 | 234,581 | 244,024 | 484,170 | 478,962 | 365,752 | 414,740 | 704,454 | 290,339 | 441,883 | 478,106 | 4,814,675 |

*includes income from Real Estate Investments, Private Equity, Securities Lending, and Cash Accounts,

| FISCAL YEAR 2013 ERSRI \& MERSRI | INVESTMENT MANAGER FEES, PROFESSIONAL FEES \& OPERATING EXPENSESACCRUAL BASIS |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Actual } \\ & \text { Jul } 12 \end{aligned}$ | $\begin{aligned} & \text { Actual } \\ & \text { Aug } \end{aligned}$ | $\begin{gathered} \text { Projected } \\ \text { Sept } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { Oct } \end{gathered}$ | $\begin{gathered} \hline \begin{array}{c} \text { Projected } \\ \text { Nov } \end{array} \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Projected } \\ & \text { Dec } \end{aligned}$ | $\begin{gathered} \hline \text { Projected } \\ \text { Jan } 13 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { Feb } \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { Mar } \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Projected } \\ \text { Apr } \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Projected } \\ \text { May } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Projected } \\ \text { June } \\ \hline \end{gathered}$ | Projected TOTAL |
| equities |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SSgA Russell 1000/S\& ZU14 |  |  | 43,236 |  |  | 40,866 |  |  | 40,498 |  |  | 45,000 | 169,600 |
| SSGA Russell 2000 ZU06 |  |  | 30,210 |  |  | 28,140 |  |  | 28,019 |  |  | 30,000 |  |
| Shott Capital ZU49 |  |  | 1,164 |  |  | 1,592 |  |  | 1,522 |  |  | 1,700 | 5,979 |
| Wellington Tech Eq ZU04 |  |  | 335,337 |  |  | 310,389 |  |  | 376,641 |  |  | 350,000 | 1,372,367 |
|  |  |  | 409,947 |  |  | 380,987 |  |  | 446,681 |  |  | 426,700 | 1,547,946 |
| FIXED INCOME |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brown Bros. $\quad$ zU44 |  |  | 171,735 |  |  | 173,397 |  |  | 176,758 |  |  | 167,000 | 688,889 |
| Pyramis ZU46 |  |  | 158,869 |  |  | 157,589 |  |  | 139,160 |  |  | 140,446 | 596,063 |
| Taplin $\quad$ UU84 |  |  | 205,941 |  |  | 4,567 |  |  | 198,244 |  |  | 201,399 | 610,151 |
| Mackay Shields ZU59 |  |  | 189,045 |  |  | 190,881 |  |  | 199,536 |  |  | 185,000 | 764,462 |
| Brown Bros.tIPS ZU69 |  |  | $\frac{123,164}{848,754}$ |  |  | $\frac{114,716}{641,150}$ |  |  | $\frac{103,456}{817,154}$ |  |  | $\frac{115,000}{808,844}$ | $\frac{456,336}{3,115,902}$ |
| int'L equities |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SSgA MSCI ACWI ZU08 |  |  | 148,827 |  |  | 141,598 |  |  | 152,271 |  |  | 165,000 | 607,696 |
|  | 0 |  | 148,827 | 0 |  | 141,598 |  |  | 152,271 |  |  | 165,000 | 607,696 |
| Real estate |  |  |  |  |  |  |  |  |  |  |  |  |  |
| L \& B Real Estate ZU79 | 129,888 | 122,709 | 79,437 | 802,275 | 0 | 84,071 | 126,079 | 230,671 | 82,336 | 125,166 | 121,978 | 96,354 | 2,000,964 |
| alternative investments |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other Alt Inv Mgmt F ZU32 | 1,030,612 | 132,331 | 327,863 | 511,900 | 8,184 | 543,482 | 481,969 | 46,479 | 726,909 | 367,688 | 88,984 | 414,608 | 4,681,008 |
| Sub total-tnv mgmt fees | 1,160,500 | 255,040 | 1,814,827 | 1,314,175 | 8,184 | 1,791,287 | 608,048 | 277,150 | 2,225,351 | 492,854 | 210,962 | 1,911,506 | 11,953,515 |
| PROFESSIONAL FEES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Legal | 5,829 | 4,894 | 7,054 | 11,320 | 46,641 | 24,357 | 0 | 18,031 | 7,542 | 973 | 0 | 3,806 | 130,448 |
| St St BankbNY Mellon - Cust Cliffwater ZU76 | 60,268 | 62,284 | 61,759 | 61,462 | 60,582 | 60,714 | 61,869 | 63,476 | 63,057 | 62,408 | 61,653 | 61,306 | 740,838 |
|  | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 37,500 | 450,000 |
| PCA/Russell PCA Real Estate | 13,125 | 13,125 | 13,125 | 13,125 | 13,125 | 68,944 | 13,125 | 13,125 | 67,362 | 13,125 | 13,125 | 13,125 | 267,559 |
|  | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | 10,417 | $\frac{125,003}{1713,848}$ |
|  | 127,139 | 128,220 | 129,854 | 133,825 | 168,265 | 201,932 | 122,911 | 142,550 | 185,878 | 124,423 | 122,695 | 126,154 | 1,713,848 |
| OPERATING EXPENSE |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 202,402 | 724,514 | 466,139 | 405,345 | 478,315 | 383,396 | 560,824 | 764,161 | 1,063,383 | 574,404 | 456,372 | 818,188 | 6,897,442 |
| Retirement Transfers Other Expense | $202 \quad \frac{0}{2}$ | 731,150 | - 5,925 | $405.34 \frac{0}{5}$ | 484,250 | 389,7096 | 567, 6 , 074 | 769,861 | $1.063 .38 \frac{0}{3}$ | 578,900 | - 66,250 | 823,888 | $\begin{array}{r} \frac{53,425}{6.950 .867} \end{array}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## TOTAL:

Note: Numbers in bold are actual.

| Partnership Investment | Total Commitment |  | ERSRI Unfunded (USD) |  |
| :---: | :---: | :---: | :---: | :---: |
| Advent Global Private Equity Fund VII | \$ | 20,000,000.00 | \$ | 18,820,000.00 |
| Alta BioPhama Partners III | \$ | 15,000,000.00 | \$ | 750,000.00 |
| Alta Partners VIII | \$ | 15,000,000.00 | \$ | 3,000,000.00 |
| Aurora Equity Partners II** | \$ | 15,000,000.00 | \$ | - |
| Aurora Equity Partners III** | \$ | 15,000,000.00 | \$ | 835,850.00 |
| Avenue Special Situations Fund IV | \$ | 20,000,000.00 | \$ | - |
| Avenue V | \$ | 20,000,000.00 | \$ | - |
| Bain X | \$ | 25,000,000.00 | \$ | 3,812,500.00 |
| Birch Hill Equity Partners III* | \$ | 17,989,200.00 | \$ | 1,012,691.16 |
| Braemar Energy Ventures III | \$ | 10,000,000.00 | \$ | 7,548,464.00 |
| Castile III | \$ | 5,000,000.00 | \$ | 475,000.00 |
| Centerbridge | \$ | 15,000,000.00 | \$ | 1,093,115.00 |
| Centerbridge Special Credit Partners II | \$ | 25,000,000.00 | \$ | 20,000,000.00 |
| Charterhouse Capital Partners VIII* | \$ | 19,402,410.00 | \$ | 2,637,152.76 |
| Coller International Capital IV** | \$ | 15,000,000.00 | \$ | 2,100,000.00 |
| Coller International Capital V | \$ | 15,000,000.00 | \$ | 3,270,000.00 |
| Constellation III | \$ | 15,000,000.00 | \$ | 616,645.74 |
| CVC European Equity Partners 111 | \$ | 20,000,000.00 | \$ | 899,966.00 |
| CVC European Equity Partners IV* | \$ | 21,342,651.00 | \$ | 2,517,094.71 |
| CVCV | \$ | 25,869,880.00 | \$ | 8,948,396.39 |
| Fenway Partners Capital Fund II | \$ | 15,000,000.00 | \$ | 232,336.00 |
| Fenway III | \$ | 15,000,000.00 | \$ | 122,722.00 |
| First Reserve Fund X | \$ | 20,000,000.00 | \$ | 1.00 |
| First Reserve Fund XI | \$ | 20,000,000.00 | \$ | 566,377.00 |
| Focus Ventures III | \$ | 15,000,000.00 | \$ | - |
| Granite Global Ventures II | \$ | 15,000,000.00 | \$ | 675,000.00 |
| Granite Global Ventures III | \$ | 15,000,000.00 | \$ | 1,125,000.00 |
| Green Equity Investors V | \$ | 20,000,000.00 | \$ | 4,098,813.00 |
| Kayne Anderson Energy Fund III | \$ | 15,000,000.00 | \$ | 1,108,861.00 |
| Kayne Anderson Energy Fund IV | \$ | 15,000,000.00 | \$ | 2,462,614.00 |
| Leapfrog Ventures II | \$ | 10,000,000.00 | \$ | 510,000.00 |
| Leeds Weld Equity Partners IV | \$ | 10,000,000.00 | \$ | 14,335.00 |
| Lighthouse Capital Partners V | \$ | 11,250,000.00 | \$ | 787,500.00 |
| Lighthouse Capital Partners VI | \$ | 15,000,000.00 | \$ | 750,000.00 |
| LNK Partners | \$ | 12,500,000.00 | \$ | 769,096.52 |
| Matlin Patterson Glb. Opp. Fund (CSFB) | \$ | 15,000,000.00 | \$ | - |
| MHR Institutional Partners III | \$ | 20,000,000.00 | \$ | 7,100,312.00 |
| Nautic Partners V | \$ | 20,000,000.00 | \$ | 651,894.55 |
| Nautic Partners VI | \$ | 20,000,000.00 | \$ | 2,157,908.37 |
| Nautic Partners VII | \$ | 20,000,000.00 | \$ | 20,000,000.00 |
| Nordic Capital Fund III* | \$ | 12,001,760.00 | \$ | - |
| Nordic Capital Fund V* | \$ | 18,905,126.23 | \$ | - |
| Nordic Capital Fund VI* | \$ | 19,402,410.00 | \$ | - |


| Nordic VII | \$ | 19,402,410.00 | \$ | 4,660,836.53 |
| :---: | :---: | :---: | :---: | :---: |
| Oaktree Capital Management Fund III | \$ | 20,000,000.00 | \$ | 13,000,000.00 |
| Palladin III | \$ | 10,000,000.00 | \$ | 4,498,532.00 |
| Parthenon Investors ll | \$ | 23,960,000.00 | \$ | 1,953,022.00 |
| Perseus VII | \$ | 15,000,000.00 | \$ | 1,000,715.00 |
| Point 406 | \$ | 10,000,000.00 | \$ | 1,520,000.00 |
| Point Judith II | \$ | 5,000,000.00 | \$ | 573,369.19 |
| Providence Equity Partners III | \$ | 15,000,000.00 | \$ | 1,938,956.00 |
| Providence Equity Partners IV | \$ | 25,000,000.00 | \$ | 1,982,025.00 |
| Providence Equity Partners V | \$ | 25,000,000.00 | \$ | 2,160,471.00 |
| Providence Equity Partners VI | \$ | 25,000,000.00 | \$ | 3,252,290.00 |
| Providence Equity Partners VII | \$ | 25,000,000.00 | \$ | 23,500,002.00 |
| SKM Equity Fund II** | \$ | 10,000,000.00 | \$ | 1,735,947.00 |
| Summit Partners | \$ | 20,000,000.00 | \$ | 10,700,000.00 |
| Thomas McNerney \& Partners | \$ | 15,000,000.00 | \$ | 675,000.00 |
| Thomas McNerney \& Partners II | \$ | 15,000,000.00 | \$ | 2,137,500.00 |
| TPG Partners IV | \$ | 15,000,000.00 | \$ | 1,092,575.00 |
| TPG Partners V | \$ | 20,000,000.00 | \$ | 2,794,387.00 |
| TPG VI | \$ | 10,000,000.00 | \$ | 3,729,095.00 |
| Trilantic IV | \$ | 11,098,351.00 | \$ | 922,808.01 |
| VS\&A Communication Partners III | \$ | 15,000,000.00 | \$ | - |
| W Capital Partners | \$ | 15,000,000.00 | \$ | 880,500.00 |
| W Capital Partners II | \$ | 15,000,000.00 | \$ | 1,939,525.00 |
| Wellspring Capital Partners III | \$ | 20,000,000.00 | \$ | 21,112.00 |
| Wellspring Capital Partners IV | \$ | 20,000,000.00 | \$ | 2,282,921.00 |
| WLR | \$ | 8,000,000.00 | \$ | 1,339,838.00 |
| Total Alternative Investments | \$ | 1,146,124,198.23 | \$ | 211,761,072.94 |


| Real Estate Partnership Investment | Total Commitment | ERSRI Unfunded |  |  |
| :--- | :---: | ---: | :---: | ---: |
|  |  |  |  |  |
| AEW | $\$$ | $35,000,000.00$ | $\$$ | 0.40 |
| Fillmore East Fund I | $\$$ | $10,000,000.00$ | $\$$ | 0.08 |
| Fremont Strategic Property Partners II | $\$$ | $15,000,000.00$ | $\$$ | $1,873,108.00$ |
| Hunt Investments (formerly Trecap) | $\$$ | $15,000,000.00$ | $\$$ | $2,155,117.00$ |
| JPMorgan Strategic Property Fund | $\$$ | $50,000,000.00$ | $\$$ | - |
| JPMorgan Alternative Property Fund | $\$$ | $20,000,000.00$ | $\$$ | - |
| LaSalle Income \& Growth Fund IV | $\$$ | $15,000,000.00$ | $\$$ | - |
| Magna Hotel | $\$$ | $4,000,000.00$ | $\$$ | - |
| Morgan Stanley Prime Property Fund | $\$$ | $35,000,000.00$ | $\$$ | - |
| Prudential Real Esate Investors (PRISA) | $\$$ | $50,000,000.00$ | $\$$ | - |
| Starwood Hospitality Fund I | $\$$ | $10,000,000.00$ | $\$$ | - |
| TA Realty Fund VIII | $\$$ | $15,000,000.00$ | $\$$ | - |
| Tri Continential Fund VII | $\$$ | $15,000,000.00$ | $\$$ | - |
| Walton Street Real Estate Fund V | $\$$ | $20,000,000.00$ | $\$$ | $428,467.00$ |
| Westbrook Real Estate Fund VI | $\$$ | $15,000,000.00$ | $\$$ | - |
| Westbrook Real Estate Fund VII | $\$$ | $15,000,000.00$ | $\$$ | $79,399.00$ |
|  |  |  | $1,500,000.00$ |  |

# SHORT TERM INVESTMENTS 

## Short-Term Investment Maturity Schedule \& SIC Compliance Report at October 31, 2012



| Vendor | CP | CD | Agency | Money Mkt | PIP | Repo | GID | OSIP | Total (\$) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Guidelines-Total/Vendor | 25\%/10\% | 50\%/20\% | 75\%/35\% | 75\%/35\% | 75\%/35\% | 100\%/20\% | 75\%/35\% | 50\%/50\% |  |
| OSIP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 217,519,481 | 217,519,481 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 45\% | 45.00\% |
| Bank RI | 0 | 15,049,962 | 0 | 0 | 0 | 0 | 0 | 0 | 15,049,962 |
|  | 0\% | 3\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 3.11\% |
| Sovereign Bank | 0 | 0 | 0 | 0 | 120,613,198 | 0 | 0 | 0 | 120,613,198 |
|  | 0\% | 0\% | 0\% | 0\% | 25\% | 0\% | 0\% | 0\% | 24.95\% |
| JP Morgan Chase | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0.00\% |
| Federated Investors | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0.00\% |
| Fidelity | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0.00\% |
| BlackRock | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0.00\% |
| Wells Fargo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0.00\% |
| Citizens Bank | 0 | 0 | 0 | 0 | 3,167,556 | 0 | 0 | 0 | 3,167,556 |
|  | 0\% | 0\% | 0\% | 0\% | 1\% | 0\% | 0\% | 0\% | 0.66\% |
| Webster Bank | 0 | 0 | 0 | 0 | 76,892,453 | 0 | 0 | 0 | 76,892,453 |
|  | 0\% | 0\% | 0\% | 0\% | 16\% | 0\% | 0\% | 0\% | 15.91\% |
| Oppenheimer Inc | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0.00\% |
| Washington Trust | 0 | 25,135,423 | 0 | 25,001,369 | 0 | 0 | 0 | 0 | 50,136,792 |
|  | 0\% | 5\% | 0\% | 5\% | 0\% | 0\% | 0\% | 0\% | 10.37\% |
| TOTALS | - | 40,185,384 | - | 25,001,369 | 200,673,206 | - | - | 217,519,481 | 483,379,440 |
| (\%) PORTFOLIO | 0.00\% | 7.68\% | 0.00\% | 0.00\% | 44.54\% | 0.00\% | 0.00\% | 47.78\% | 100.00\% |

Note: PIP + CD must be under 75\%.
Note: Maximum participation by any one vendor limited to $35 \%$ of total portfolio.

| State of Rhode Island Short Term Cash Monthly Performance Performance for October 01, 2012 to October 31, 2012 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fund Name | Beginning Balance |  | Ending Balance |  | Average Daily Balance |  |  | Earnings | Yield(Annual) |
| GENERAL FUND | \$ | 189,133,754.65 | \$ | 150,990,283.26 | \$ | 173,275,690.13 | \$ | 56,528.61 | 0.3841\% |
| H.A.V.A | \$ | 294.45 | \$ | 294.47 | \$ | 294.45 | \$ | 0.02 | 0.0800\% |
| GENERAL FUND (HIST PRES) | \$ | 536,745.45 | \$ | 536,817.12 | \$ | 536,745.45 | \$ | 71.67 | 0.1572\% |
| HISTORIC TAX CREDITS | \$ | 1,201,524.67 | \$ | 1,201,685.11 | \$ | 1,201,524.67 | \$ | 160.44 | 0.1572\% |
| HIGHWAY FUND | \$ | 15,141,516.13 | \$ | 18,542,483.02 | \$ | 6,167,322.58 | \$ | 966.89 | 0.1846\% |
| T.D.I. RESERVE (DET) | \$ | 91,267,692.45 | \$ | 78,277,275.54 | \$ | 83,009,627.93 | \$ | 9,583.09 | 0.1359\% |
| EMPLOYER PENSION CONTRIBUTION | \$ | - | \$ | - |  |  | \$ | - |  |
| RICAP GL FUND 21 | \$ | 122,398,658.92 | \$ | 129,418,433.65 | \$ | 123,527,691.18 | \$ | 19,774.73 | 0.1885\% |
| BOND CAPITAL FUND | \$ | 1,864,017.32 | \$ | 2,564,471.18 | \$ | 2,725,307.64 | \$ | 453.86 | 0.1961\% |
| R.I. CLEAN WATER ACT | \$ | 3,175,430.95 | \$ | 3,175,804.92 | \$ | 3,175,430.95 | \$ | 373.97 | 0.1387\% |
| STATE LOTTERY FUND | \$ | 51,956,383.47 | \$ | 47,068,166.70 | \$ | 44,062,835.08 | \$ | 11,783.23 | 0.3149\% |
| ASSESSED FRINGE BEN ADM | \$ | 7,752.62 | \$ | 7,753.24 | \$ | 7,752.62 | \$ | 0.62 | 0.0942\% |
| AUTO EQUIPMENT SERVICE | \$ | 201,004.06 | \$ | 401,020.86 | \$ | 220,328.90 | \$ | 16.80 | 0.0898\% |
| HEALTH INSURANCE FUND | \$ | 28,845,909.89 | \$ | 28,849,560.98 | \$ | 27,445,909.89 | \$ | 3,651.09 | 0.1566\% |
| fleet revolving loan fund | \$ | 1,100,865.34 | \$ | 8,402,207.77 | \$ | 7,694,413.73 | \$ | 1,342.43 | 0.2054\% |
| EMPLOYEES RETIREMENT | \$ | 424,193.58 | \$ | 229,118.34 | \$ | 14,391,935.52 | \$ | 4,924.76 | 0.4029\% |
| MUNICIPAL EMPLOYEES RET. | S | 110,108.02 | \$ | 10,490.56 | \$ | 2,164,946.73 | \$ | 382.54 | 0.2080\% |
| RETIREE HEALTH FUND | \$ | 2,587,543.20 | \$ | 2,587,889.42 | \$ | 2,587,543.20 | \$ | 346.22 | 0.1575\% |
| bog retiree fund | \$ | 9,176.12 | \$ | 9,177.35 | \$ | 9,176.12 | \$ | 1.23 | 0.1578\% |
| RIPTA HEALTH FUND | \$ | 466.34 | \$ | 466.40 | \$ | 466.34 | \$ | 0.06 | 0.1515\% |
| PERMANENT SCHOOL FUND | \$ | 1,431,776.76 | \$ | 1,431,967.91 | \$ | 1,431,776.76 | \$ | 191.15 | 0.1572\% |
| TEACHER RETIREE HEALTH FUND | \$ | 2,105,087.22 | \$ | 1,605,325.55 | \$ | 1,782,506.57 | \$ | 238.33 | 0.1574\% |
| RI ST POL RETIREE HEALTH | \$ | 717.26 | \$ | 717.35 | \$ | 717.26 | \$ | 0.09 | 0.1477\% |
| RI LeG retiree health | \$ | 194.96 | \$ | 194.98 | \$ | 194.96 | \$ | 0.02 | 0.1208\% |
| RI JUDICIAL RETIREE HEALTH | \$ | 55,124.68 | \$ | 55,128.88 | \$ | 55,124.68 | \$ | 4.20 | 0.0897\% |
| UNIVERSITY COLLEGE | \$ | 5,056,083.73 | \$ | 3,956,700.26 | \$ | 4,617,374.05 | \$ | 616.53 | 0.1572\% |
| HIGHER EDUCATION | \$ | 1,105,089.41 | \$ | 405,302.68 | \$ | 1,563,153.93 | \$ | 213.27 | 0.1606\% |
| INDUS. BLDG. \& MTG. INS. | \$ | 3,650,214.99 | \$ | 3,650,702.41 | \$ | 3,650,214.99 | \$ | 487.42 | 0.1572\% |
| Operating Funds Totals | \$ | 523,367,326.64 | \$ | 483,379,439.91 | \$ | 505,306,036.31 | \$ | 112,113.27 | 0.261\% |
| G.O. NOTE 1991 SER. B | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL1993A | \$ | 7,386.19 | \$ | 7,386.24 | \$ | 7,385.49 | \$ | 0.99 | 0.1578\% |
| BOND CCDL 1994 SERIES A | \$ | 15,001.91 | \$ | 15,002.00 | \$ | 15,000.49 | \$ | 2.00 | 0.1570\% |
| BOND CCBL96A | \$ | - | \$ | - |  |  | \$ | - |  |
| CAP DEV OF 1997 SERIES A | \$ | 41,017.51 | \$ | 41,017.82 | \$ | 41,013.67 | \$ | 5.48 | 0.1573\% |
| CCDL1998A | \$ | 1,696,049.81 | \$ | 1,696,059.92 | \$ | 1,695,889.29 | \$ | 226.46 | 0.1572\% |
| CCDL 1998B | \$ | - | \$ | - |  |  | \$ | - |  |
| MMGO99 1999 | \$ | - | \$ | - |  |  | \$ | - |  |
| BOND CAPITOL CCDL2000A | \$ | 102,397.22 | \$ | 102,397.83 | \$ | 102,387.53 | \$ | 13.67 | 0.1572\% |
| MULTI-MODAL GEN OBL 2000 | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL2001C | \$ | 201,352.55 | \$ | 201,353.75 | \$ | 201,333.50 | \$ | 26.88 | 0.1572\% |
| CCDL2002B | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL 2004 SERIES A | \$ | 3,026,855.41 | \$ | 3,026,873.45 | \$ | 3,026,568.94 | \$ | 404.15 | 0.1572\% |
| BOND CCDL 2005 SERIES C | \$ | 7,457,602.98 | \$ | 7,319,467.20 | \$ | 7,416,781.82 | \$ | 990.55 | 0.1573\% |
| BOND CCDL 2005 SERIES E | \$ | 829,131.49 | \$ | 779,434.33 | \$ | 812,727.22 | \$ | 108.60 | 0.1573\% |
| BOND CCDL 2006 SERIES B | \$ | - | \$ | - |  |  | \$ | - |  |
| BOND CCDL 2006 SERIES C | \$ | 2,988,336.82 | \$ | 2,939,118.15 | \$ | 2,967,730.12 | \$ | 396.39 | 0.1573\% |
| GO BND-NTAX 2007 SERIES A | \$ | 5,939,095.59 | \$ | 5,939,130.98 | \$ | 5,938,533.50 | \$ | 792.99 | 0.1572\% |
| GO BND-TAX 2007 SERIES B | \$ | - | \$ | - |  |  | \$ | - |  |
| GO BND-NTAX 2008 SERIES B | \$ | 474,669.92 | \$ | 433,591.63 | \$ | 457,398.36 | \$ | 61.17 | 0.1575\% |
| GO BND-TAX 2008 SERIES C | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL10B BOND CAPITAL COMPONENT | \$ | 2,450,965.31 | \$ | 2,450,979.91 | \$ | 2,450,733.34 | \$ | 327.25 | 0.1572\% |
| CCDL10C | \$ | 161,465.16 | \$ | 161,486.72 | \$ | 161,465.16 | \$ | 21.56 | 0.1572\% |
| CCDL10D | \$ | 103,929.20 | \$ | 103,929.82 | \$ | 103,919.36 | \$ | 13.88 | 0.1573\% |
| CCDL2011A | \$ | 54,375,289.52 | \$ | 51,476,708.02 | \$ | 53,339,929.88 | \$ | 7,127.46 | 0.1573\% |
| CCDL2012B | \$ | - | \$ | 81,402,757.99 | \$ | 21,006,451.61 | \$ | 2,757.99 | 0.1546\% |
| CLEAN WATER CCDL 1998B | \$ | - | \$ | - |  |  | \$ | - |  |
| CLEAN WATER CCDL 1994 (A) | \$ | - | \$ | - |  |  | \$ | - |  |
| CAP DEV. OF 1997 SERIES A | \$ | - | \$ | - |  |  | \$ | - |  |
| CLEAN WATER CCDL 2002 B | \$ | - | \$ | - |  |  | \$ | - |  |
| CLEAN WATER 2004 SERIES A | \$ | 222,549.60 | \$ | 222,550.92 | \$ | 222,528.54 | \$ | 29.71 | 0.1572\% |
| CLN WATER CCDL 2005 SER E | \$ | - | \$ | - |  |  | \$ | - |  |
| CAP DEV. Of 1997 SERIES A | \$ | - | \$ | - |  |  | \$ | - |  |
| RI POLLUT. CONT 94 SER. A | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL99A 1999A | \$ | 205,315.54 | \$ | 205,316.76 | \$ | 205,296.11 | \$ | 27.41 | 0.1572\% |
| POL. CTRL CCDL 2006 SER C | \$ | - | \$ | - |  |  | \$ | - |  |
| CLEAN WATER 2007 SERIES A | \$ | 283,288.20 | \$ | 283,289.88 | \$ | 283,261.39 | \$ | 37.82 | 0.1572\% |
| RI POLLUTION CONTROL 2008 B | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDLIOB CLEAN WATER COMPONENT | \$ | - | \$ | - |  |  | \$ | - |  |
| CCDL2011A CLEAN WATER COMPONENT | \$ | 1,260,160.75 | \$ | 1,260,168.26 | \$ | 1,260,041.48 | \$ | 168.26 | 0.1572\% |
| CCDL2011A POLL CTRL CMPNT | \$ | - | \$ | - |  |  | \$ | - |  |
| Bond Proceeds Fund Totals | \$ | 81,841,860.68 | \$ | 160,068,021.58 | \$ | 101,716,376.80 | \$ | 13,540.67 | 0.157\% |
| TANS PROCEEDS | \$ | - | \$ | - | \$ | - | \$ | - |  |
| Grand Totals | \$ | 605,209,187.32 | \$ | 643,447,461.49 | \$ | 7,022,413.11 | \$ | 125,653.94 | 0.244\% |

