

April 29, 2026

TO: Trustees – Board of Investments

FROM: Esmeralda del Bosque
Principal Investment Officer

FOR: May 13, 2026 Board of Investments Meeting

SUBJECT: **OPEB Master Trust Cash Equivalents and Cash Overlay Investment Guidelines – Recommendation**

RECOMMENDATION

Approve the proposed investment guidelines for the OPEB Master Trust's cash equivalents and cash overlay programs

SUMMARY

In 2024, the Board of Investments added Overlays & Hedges as the fifth functional category within the OPEB Master Trust's strategic asset allocation. The cash overlay program was designated under this new category.

In late 2025, LACERA completed its cash overlay request for proposal ("RFP"), resulting in the selection of Parametric Portfolio Associates as the cash overlay manager. The Board of Investments ("Board") was notified that following completion of the RFP, an update would be provided.

At the April 2026 BOI meeting, an update was provided alongside education on LACERA's cash equivalents and cash overlay programs.

Today, Trustees will be provided a presentation reviewing the proposed guideline parameters for these two programs.

Attachment 1 is the investment guideline presentation for the Board's consideration and approval.

These guidelines are consistent with the Board-approved Investment Policy Statement, strategic asset allocation, and policy benchmarks, and follow the same established governance process applied to all previously approved total Fund functional category guidelines.

Meketa's concurrence memo is **Attachment 2**, and the April 2026 education item is included as **Attachment 3**.

Trustees – Board of Investments
April 23, 2026
Page 2 of 2

Attachments

Noted and Reviewed:

Jonathan Grabel
Chief Investment Officer

Cash Equivalents and Cash Overlay Investment Guidelines

OPEB Master Trust

Board of Investments Meeting
May 13, 2026

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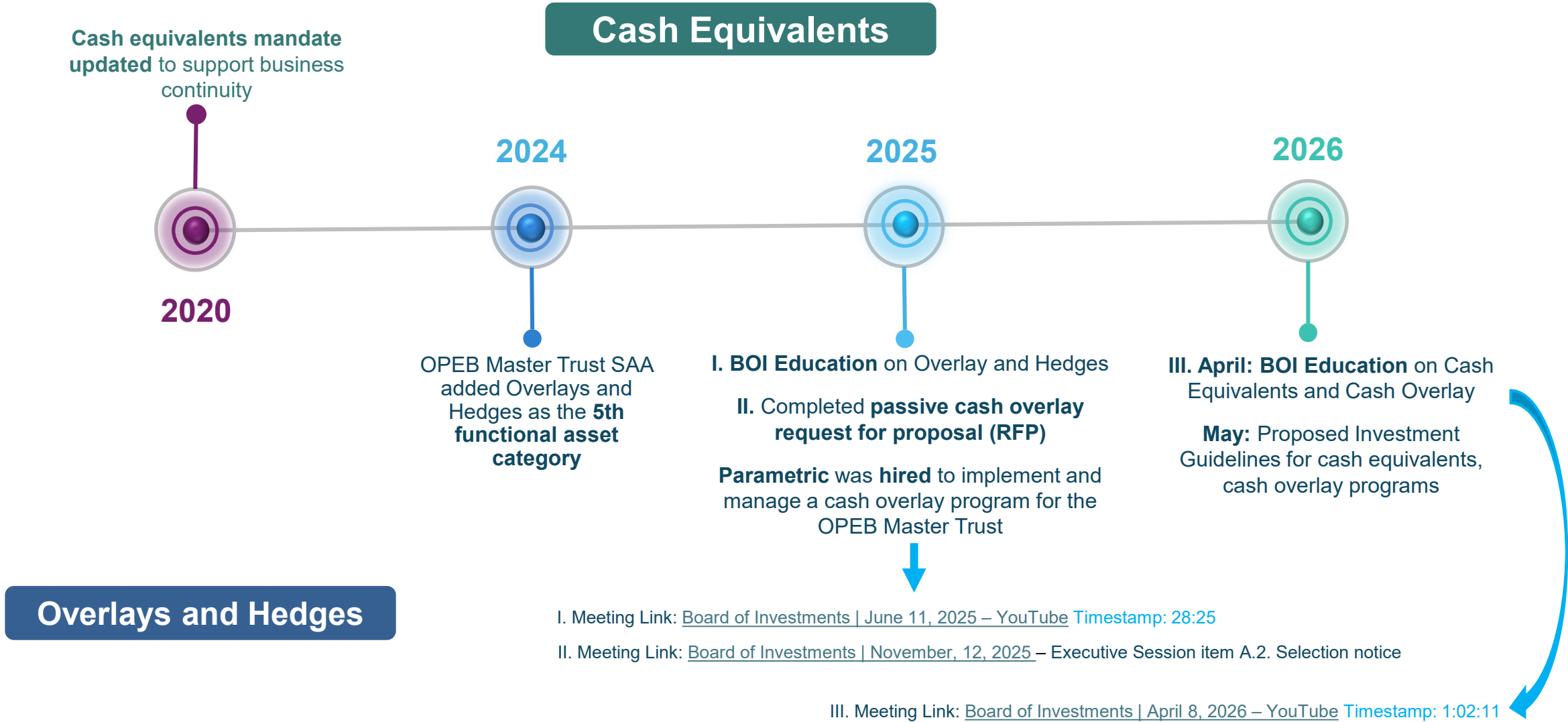
Recommendation

Approve the proposed investment guidelines for the OPEB Master Trust (or “Trust”) cash equivalents and cash overlay programs¹

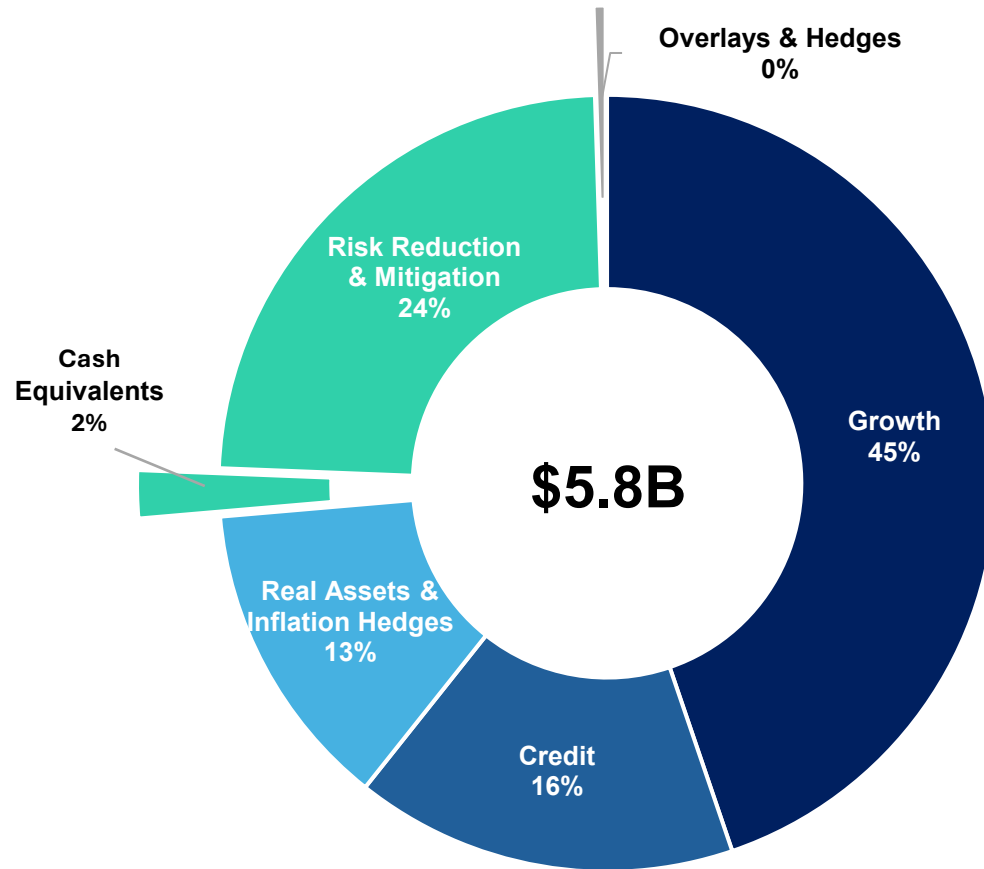
Overview

- In 2024, the Board of Investments added Overlays & Hedges as the fifth functional category within the OPEB Master Trust’s strategic asset allocation. In 2025, LACERA issued an RFP for a cash overlay manager
- The Board of Investments (“Board”) was notified that following completion of the cash overlay RFP, an update would be provided
 - The update was provided at the April 2026 BOI meeting, alongside an education on LACERA’s cash equivalents and cash overlay programs
 - Today’s item advances that progression with proposed guideline parameters for the two OPEB Master Trust programs
- This recommendation:
 - Mirrors the total Fund investment guidelines for the cash equivalents and cash overlay programs. The implementation of the cash overlay program for the OPEB Master Trust is underway
 - Follows the established Board approval process previously used across all other functional categories for the total Fund
 - Is consistent with the Board-approved Investment Policy Statement, strategic asset allocation (“SAA”), and policy benchmarks
- Meketa’s concurrence memo is included as **Attachment 2**

¹ The OPEB Master Trust Investment Policy Statements identify cash equivalents as “Cash”. Cash equivalents is a more representative name for the cash asset category



Strategic Asset Allocation – Policy Targets



OPEB Master Trust

Cash Equivalents

- **OPEB Master Trust Cash** falls within the **Risk Reduction and Mitigation** functional category with a 2% target allocation

Overlays and Hedges

- The **Overlays and Hedges** functional category includes the **OPEB Master Trust Cash Overlay** mandate

Reflects OPEB Master Trust policy targets and market values as of January 31, 2026.

Program Roles



Functional
Category

Risk Reduction and Mitigation

Overlays and Hedges

Program

Cash Equivalents

Cash Overlay

Objectives

- As the least volatile asset class, cash equivalents provide stability and risk mitigation for the OPEB Master Trust
- Primary source of liquidity
- Support portfolio activity and operational needs

Increase portfolio efficiency:

- Adhere to the SAA functional category policy target weights
- Reduce tracking error

Strategically manage cash equivalent balances:

- Minimize drag on returns (cash drag)
- Maintain liquidity for cash flow and operational needs



The proposed investment guidelines for cash equivalents mirror current implementation

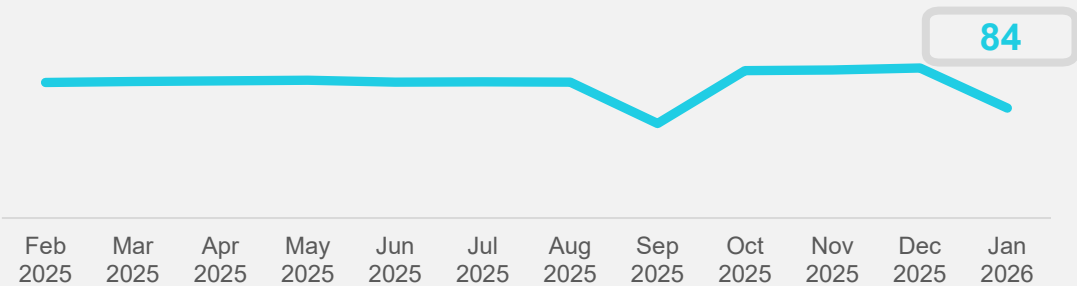
	TODAY		GOING FORWARD
Cash Equivalents	Guidelines designed to ensure liquidity and to support operational needs	➔	✓ Proposed investment guidelines reflect current implementation
Cash Overlay	There is no cash overlay in place; proposed guidelines mirror total Fund overlay program, as applicable	➔	✓ Proposed guidelines to establish the OPEB Master Trust will promote adherence to the Board-approved SAA and LACERA's rebalancing protocol

Results and Key Characteristics



Cash Equivalents¹

Month End Cash Equivalents Market Value (in millions)



¹ Reflects data for the period from Feb 2025 to Jan 2026

Key Characteristics



Invests in liquid, high-quality, short-term investments



Maintains sufficient balances to support portfolio and operational needs



Serves as the least volatile asset class

The program has:



Cash Equivalents

(within Risk Reduction and Mitigation Functional Category)

TARGET ALLOCATION

+2%

Allocation Range: 0-4%



Investment Guidelines



Cash Equivalents

<i>Mirrors Existing Guideline?</i>	<u>Proposed Guideline</u>	<u>Description</u>
✓	Objective	Serves as the OPEB Master Trust's primary source of liquidity, providing stability and risk mitigation while supporting ongoing portfolio activity and operational needs
✓	Benchmark	FTSE 3-Month US Treasury Bill Index
✓	Investment Type	Securities limited to U.S. Treasury and U.S. Government agency issues, repurchase agreements (<i>collateralized with Treasury, agency, or agency mortgage-backed securities</i>)
✓	Liquidity	- Daily liquid assets (sold within 1 day) – at least 75% of the total - Weekly liquid assets (sold within 5 days) - at least 95% of the total - Liquid assets sold within 7 days – maximum 5% of the total
✓	Maturity Schedule	- Weighted average maturity will not exceed 60 days - Weighted average life will not exceed 120 days - Securities must have a remaining maturity of 397 days or less
✓	Leverage	Prohibited
✓	Mandate Requirements	- No short sales - Securities must be U.S. dollar denominated - Holdings of State Street securities are prohibited - Trading with State Street Global Markets, LLC is prohibited - Transactions with designated countries, individuals and entities listed on Office of Foreign Assets Control ("OFAC") Sanctions Lists are prohibited
✓	Prohibited Investments	Any securities issued by the following counties, districts and agencies: Los Angeles County, Little Lake Cemetery District, South Coast Air Quality Management District, Los Angeles County Office of Education, Local Agency Formation Commission
✓	Economic Substitution	Refrain from purchasing securities in tobacco, Sudan, and Iran when the same investment goals concerning risk, return, and diversification can be achieved through the purchase of another security

Cash Overlay

(within Overlays and Hedges Functional Category)

TARGET ALLOCATION

+0%



Investment Guidelines



Cash Overlay

<i>Mirrors total Fund Guideline?</i>	<u>Proposed Guideline</u>	<u>Description</u>
✓	Objective	Support adherence to functional category policy target weights, maintain liquidity for operational needs, and minimize cash drag
✓	Benchmark	Custom benchmark based on the Board-approved policy benchmarks and allocation target weights in the Growth, Credit, Real Assets and Inflation Hedges, and Risk Reduction and Mitigation functional asset categories as indicated in the OPEB Master Trust's Investment Policy Statement
✓	Implementation	Reflects Board-approved SAA functional category policy target weights and benchmarks, while balancing cost and execution efficiency
✓ <i>Bilateral OTC contracts are new (see next page)</i>	Permissible Instruments	• Domestic and international equity futures • Domestic and international fixed income futures • Foreign currency futures, forwards, and physical holdings • Domestic and international equities • Exchange Traded Funds (ETFs) and Exchange Traded Notes (ETNs) • Exchange Traded Options on Equities, ETFs and indexes • U.S. Government/Agency Securities • Centrally cleared over-the-counter ("OTC") contracts • <i>Bilateral OTC contracts</i> • Commodity Futures and Commodity Index Futures
✓	Excess Cash Deployment	Invests in unallocated cash above 1% of the OPEB Master Trust
✓	Margin	Cash and/or physical securities can be used as collateral to support overlay exposure
✓	Fund Leverage	Prohibited
✓	Economic Substitution	Refrain from purchasing securities in tobacco, Sudan, and Iran when the same investment goals concerning risk, return, and diversification can be achieved through the purchase of another security



**Bilateral OTC contracts are a standard instrument type used by the cash overlay manager.
Guideline inclusion would allow for future use when beneficial to LACERA**

Bilateral OTC Contracts defined: A contract privately negotiated and executed directly between two counterparties, without an exchange or central clearinghouse

KEY CHARACTERISTICS

Private Negotiation

Executed directly between two counterparties; no exchange or intermediary involved



Customizable Terms

Structure and terms tailored to both parties' specific needs



Counterparty Credit Risk

Each party is exposed to the other's risk of default; no central clearinghouse guarantee



BENEFITS

Tailored Hedging

Match exposure with bespoke structures unavailable on centrally cleared exchanges

Flexibility

Utilized to access instruments and payoff profiles not offered through standardized markets

Confidentiality

Trade terms remain private between the two contracting parties

Summary and Recommendation



Summary

Following the cash overlay education session in June 2025, an RFP was launched and completed to establish a cash overlay program for the OPEB Master Trust. At last month's Board of Investments meeting, additional education on cash overlay and cash equivalents was provided in preparation for today's recommendation.

Notably, the OPEB Master Trust's existing cash equivalents guidelines have met their objectives. In addition, the proposed cash overlay guidelines for the Trust mirror the total Fund's proven framework. Therefore, ratifying the guidelines currently in practice is expected to continue to benefit the Trust's financial performance and operational efficiency.

Recommendation

Approve the proposed investment guidelines for the OPEB Master Trust cash equivalents and cash overlay programs



Appendix

Glossary of Terms



Term	Definition
Bilateral OTC Contracts	A contract privately negotiated and executed directly between two counterparties, without an exchange or central clearinghouse
Cash Drag	The negative impact on portfolio performance of holding cash in-lieu of investing it
Cash Equivalents	Short-term, highly liquid investments that can be readily convertible to known amounts of cash and subject to an insignificant risk of changes in value. Typically have an original maturity date of three months or less
Centrally cleared OTC contracts	Over-the-counter derivatives that are cleared through a central clearinghouse, which intermediates between counterparties to mitigate counterparty credit risk
Counterparty	Any individual, institution, or legal entity that participates in a financial transaction with another party. In most financial agreements, there are at least two counterparties: one that buys and one that sells, or one that lends and one that borrows
Exchange Traded Futures	Standardized financial contracts to buy or sell an asset at a predetermined price on a future date, traded on regulated exchanges such as the Chicago Mercantile Exchange (CME) or Intercontinental Exchange (ICE)
Exchange Traded Notes	Unsecured debt securities that trade on an exchange and provide returns linked to the performance of an underlying index or benchmark, subject to issuer credit risk
Fully Collateralized	A financial obligation that is secured by sufficient collateral (cash and cash equivalents) to cover its full value in the event of default. The value of the collateral is at least equal to, or greater than, the face value of the obligation
Futures Contract	Agreement to buy or sell a specific amount of a commodity or financial instrument at a particular price on a stipulated future date
Notional Exposure	Total market value of a position controlled through derivatives (e.g., futures), which may exceed the actual cash invested
Office of Foreign Assets Control (“OFAC”)	A division of the U.S. Department of the Treasury that administers and enforces economic and trade sanctions based on U.S. foreign policy and national security goals
Repurchase Agreements	Short-term, collateralized loan where one party sells securities – typically U.S. treasuries or agency MBS – to another party while simultaneously agreeing to buy them back later at a higher, pre-specified price
Tracking Error	The volatility of a manager’s excess return. It is measured by subtracting the benchmark return from the manager’s return and calculating the standard deviation

MEMORANDUM

TO: LACERA Board of Investments
FROM: Tim Filla, Aysun Kilic, Alex Khorsandian, Imran Zahid, Meketa
CC: Jon Gabel, CIO - LACERA
DATE: April 23, 2026
RE: Investment Guidelines - OPEB

Background

The purpose of this memo is for Meketa Investment Group to formalize its support for Staff's recommendation to approve the proposed Investment Guidelines for the LACERA OPEB Master Trust's Cash Equivalents, and Cash Overlay program.

Evaluation of Recommendation

In 2024, the Board of Investments approved the addition of Overlays and Hedges as a functional asset category within the OPEB Master Trust's SAA. Subsequently, LACERA conducted a Cash Overlay RFP and, in 2025, retained Parametric Portfolio Associates to implement and manage a passive cash overlay program.

At the April 2026 Board meeting, Trustees received education regarding both Cash Equivalents and Cash Overlay programs in advance of formal guideline adoption. The proposed guidelines represent the final step in implementing these programs within LACERA's established governance and policy structure.

Cash Equivalents

The proposed Cash Equivalents guidelines clearly define the role of cash as the Trust's primary source of liquidity, emphasizing capital preservation, stability, and operational flexibility. Permissible instruments are appropriately limited to high-quality, short-duration U.S. government and agency securities, repurchase agreements, and strict liquidity and maturity constraints.

The guidelines' maturity, liquidity, and leverage constraints appropriately limit risk, align with the 2% policy target allocation, and support the Cash Equivalents program's role within the Risk Reduction and Mitigation functional category.

Cash Overlay

The Cash Overlay guidelines appropriately support the objective of minimizing cash drag while maintaining liquidity and adherence to functional category policy targets. The framework limits overlay activity to unallocated cash above 1% of Trust assets, prohibits leverage, and requires exposures to be fully collateralized by available cash or securities. Permitted instruments and risk controls are consistent with a passive, implementation-focused overlay program and align with the Board-approved SAA. The guidelines clearly define the role of the overlay in improving portfolio efficiency without materially increasing risk.



Conclusion

Meketa believes the proposed Cash Equivalents and Cash Overlay Investment Guidelines are well-structured, clearly articulated, and consistent with the OPEB Master Trust's long-term objectives. The guidelines appropriately balance liquidity, risk management, and return efficiency and reflect sound institutional investment practices. Accordingly, Meketa concurs with staff's recommendation and supports Board approval of the proposed Investment Guidelines.

If you have any questions or would like additional information, please email or call us at (760) 795-3450.

TF/AK/AK/IZ/sf



March 24, 2026

TO: Trustees – Board of Investments

FROM: Esmeralda del Bosque 
Principal Investment Officer

FOR: April 8, 2026 Board of Investments Meeting

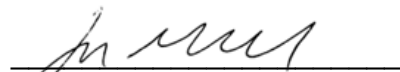
SUBJECT: **Cash Equivalents, Cash Overlay, and Currency Hedge -
Total Fund and OPEB Master Trust Overview**

The attached presentation provides an overview of the cash equivalents, cash overlay, and currency hedge programs in advance of formal investment guideline recommendations to be presented to the Board of Investments (“BOI”) in a future BOI meeting (**Attachment**).

The presentation reviews each program’s objectives and summarizes their operations, evolution, and high-level results in supporting overall total plan effectiveness. The purpose of this presentation is to provide Trustees with a further understanding of the intent and function of these programs ahead of bringing formal guideline considerations.

Attachments

Noted and Reviewed:

A handwritten signature in black ink, appearing to read "Jonathan Grabel", written over a horizontal line.

Jonathan Grabel
Chief Investment Officer



Cash Equivalents, Cash Overlay, and Currency Hedge - Total Fund and OPEB Master Trust Overview

Board of Investments Meeting
April 8, 2026

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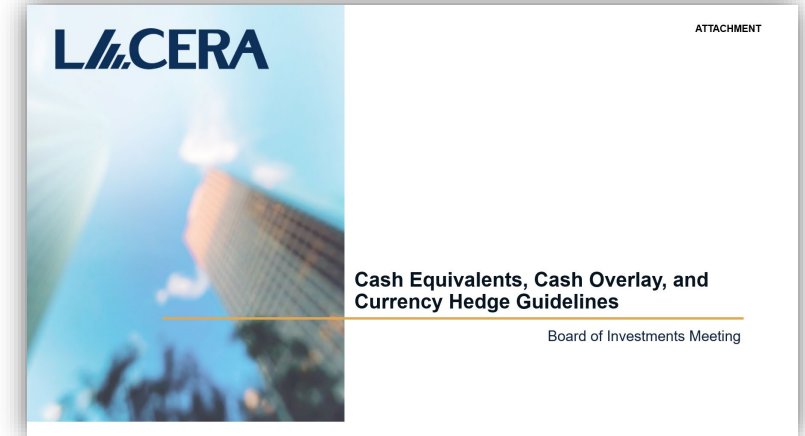
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Introduction



Objective

Provide education and context on the total Fund and OPEB Master Trust cash equivalents, cash overlay, and currency hedge programs in advance of formal investment guideline recommendations to be brought to a future Board of Investments (“BOI”) meeting¹



Today’s presentation will cover:



Roles and Function:

Review the objectives of the cash equivalents, cash overlay, and currency hedge programs



Program Overview:

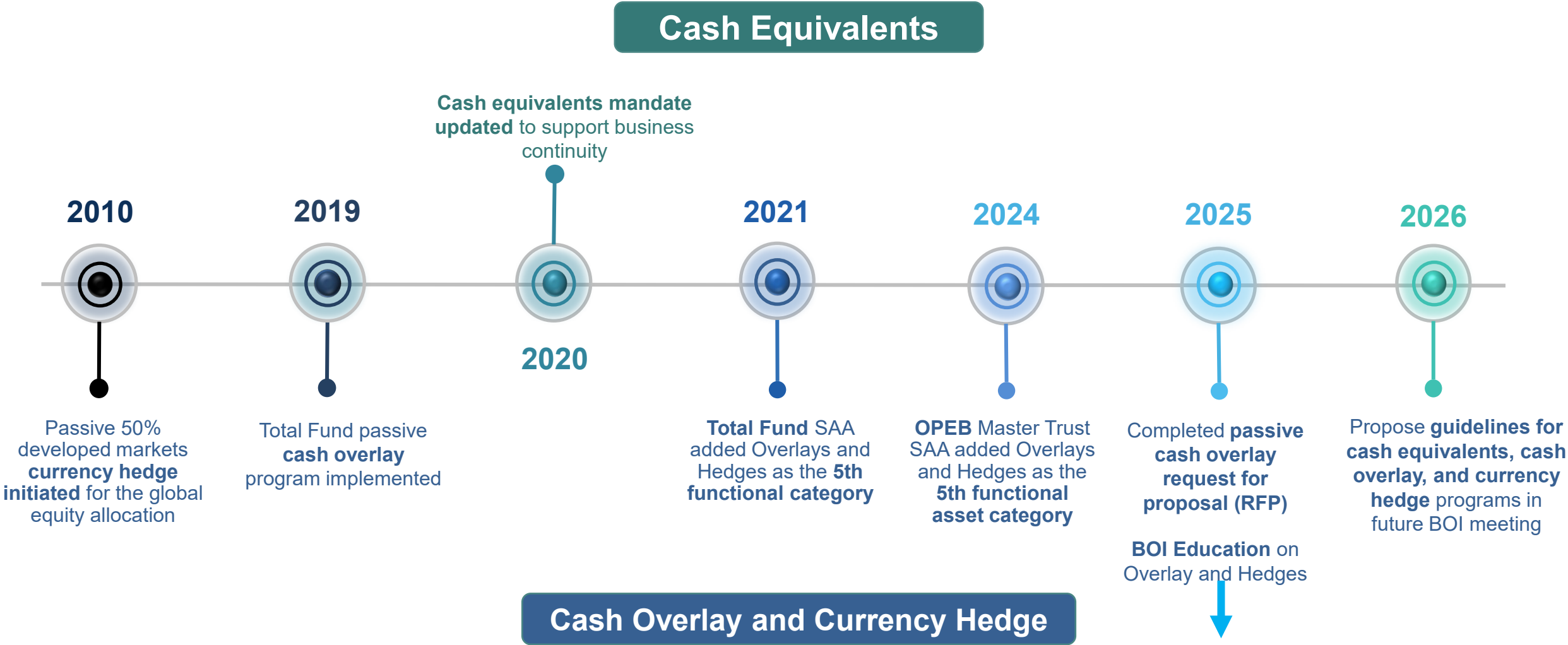
Summarize program operations, evolution, and high-level results in supporting total plan effectiveness



Next Steps:

Outline upcoming actions and milestones

¹ The total Fund and OPEB Master Trust Investment Policy Statements identify cash equivalents as “Cash”. Cash equivalents is a more representative name for the cash asset category.



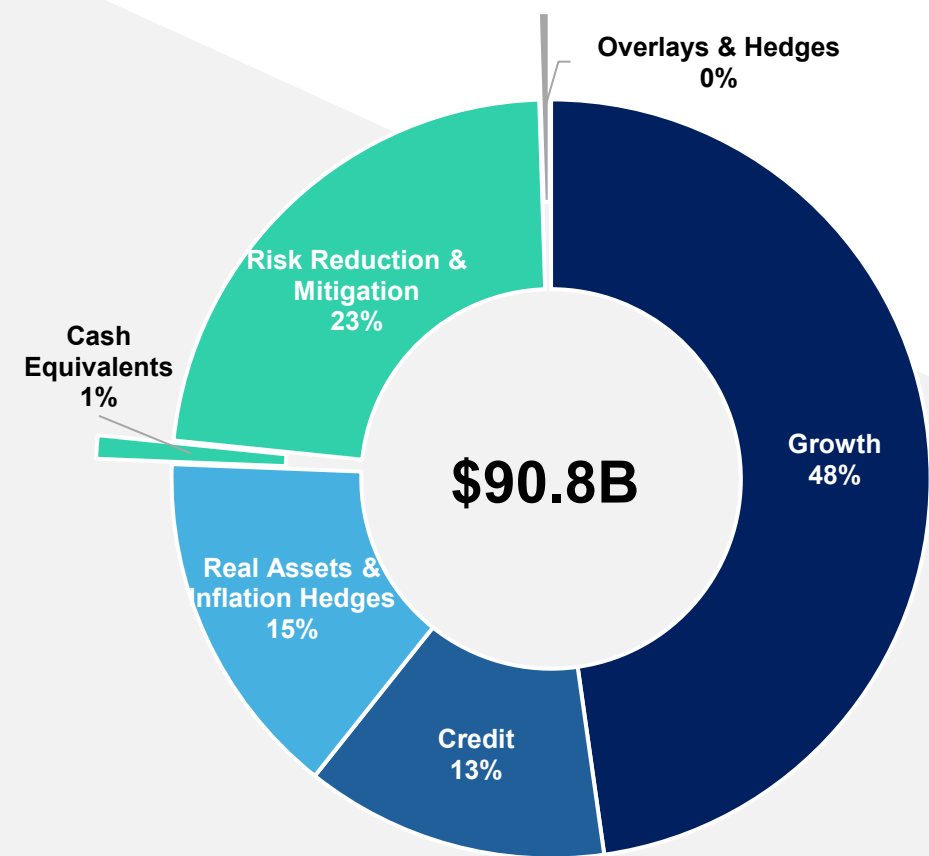
Program Roles



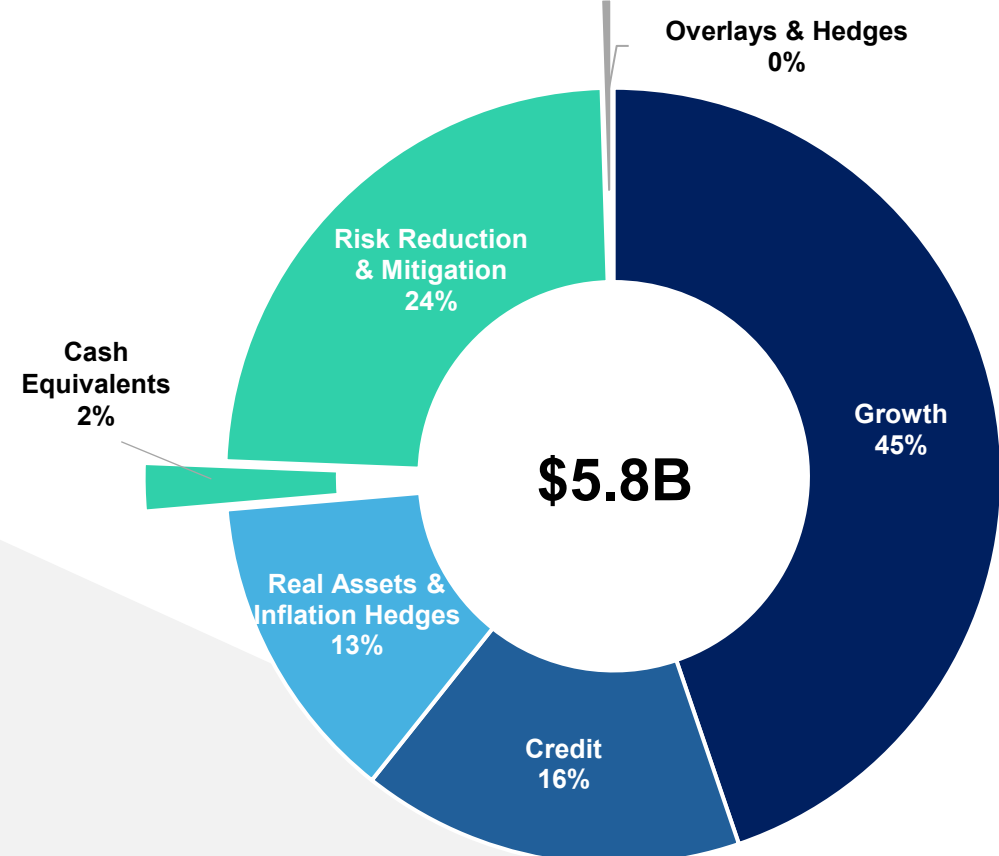
Functional Category	Risk Reduction and Mitigation		Overlays and Hedges	
Program	Cash Equivalents	Cash Overlay ¹	Global Equity Currency Hedge ²	
Objectives	- As the least volatile asset class, cash equivalents provides stability and risk mitigation for the total Fund - Primary source of liquidity - Supports portfolio activity and operational needs	Increase portfolio efficiency: - Adhere to the SAA functional category policy target weights - Reduce tracking error Strategically manage cash equivalent balances: - Minimize drag on returns (cash drag) - Maintain liquidity for cash flow and operational needs	- Minimize active non-U.S. equity markets exchange rate risk relative to the index - Improve risk-adjusted results by reducing volatility from currency exposure - Preserve returns by protecting against currency depreciation	

¹ Board-approved; pending OPEB Master Trust implementation
² Applicable to the total Fund

Strategic Asset Allocation – Policy Targets



Total Fund



OPEB Master Trust

Reflects total Fund and OPEB Master Trust policy targets and market values as of January 31, 2026



Review: Cash Equivalents

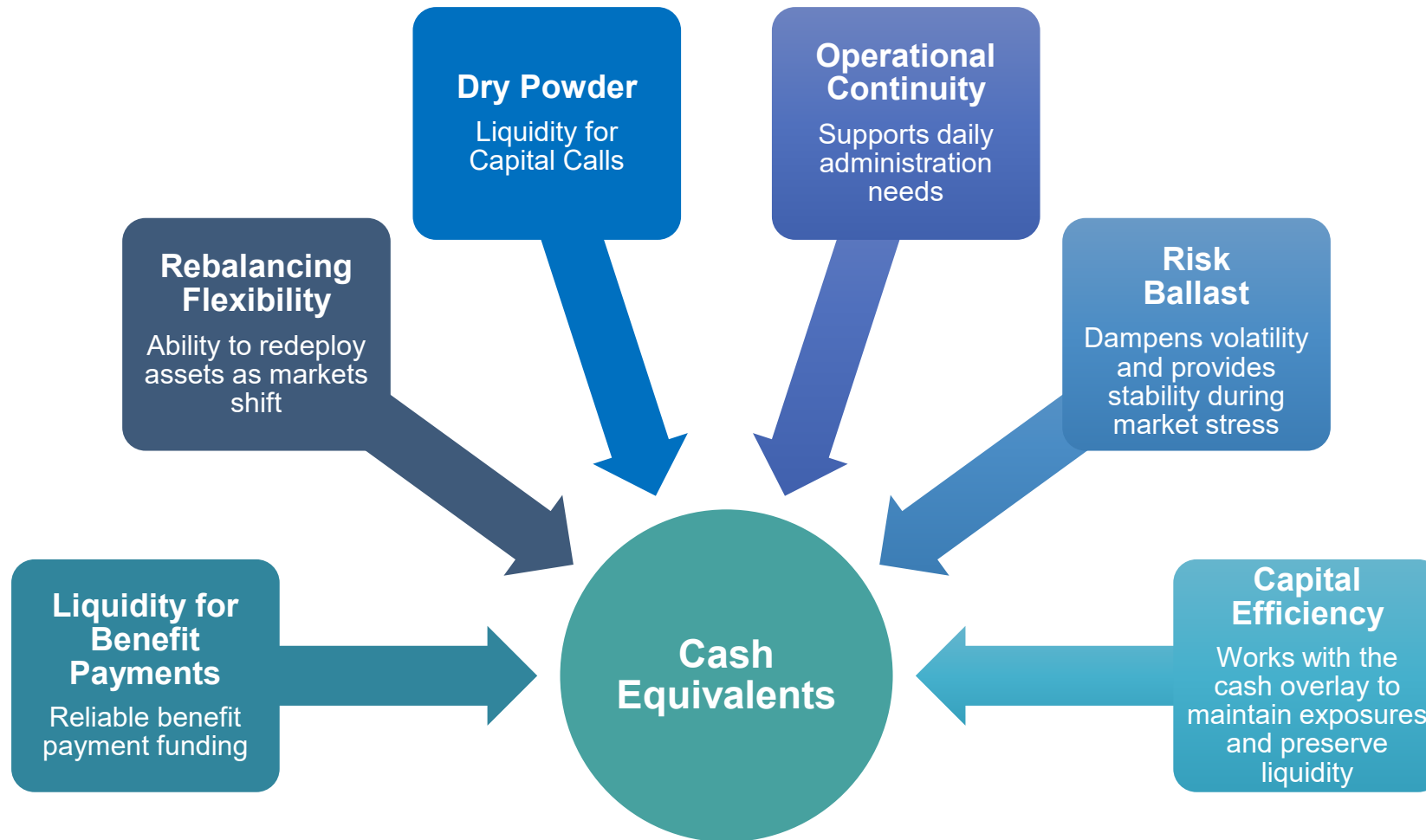
LACERA's Cash Equivalents Program



Cash equivalents is a foundational element of each plan, serving as a key risk mitigator, diversifier, and the operational backbone supporting all asset classes



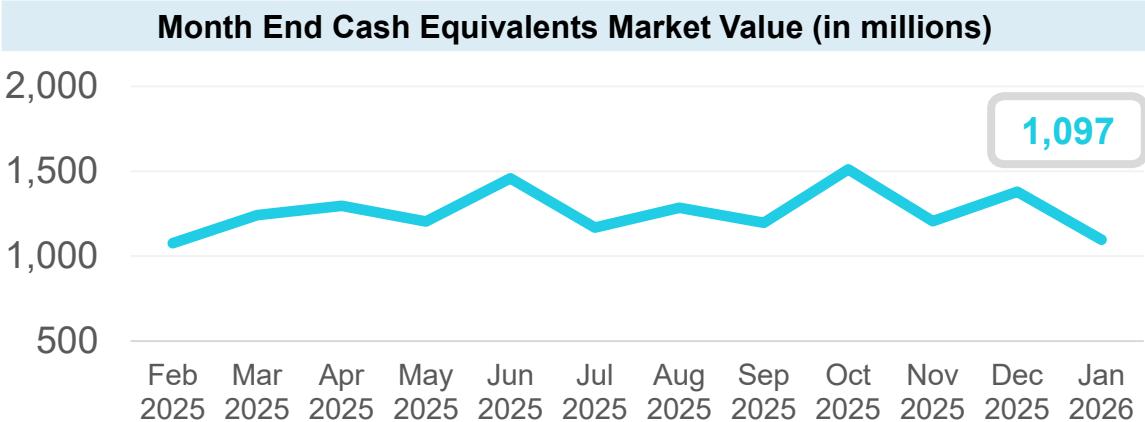
The Strategic Importance of Cash Equivalents



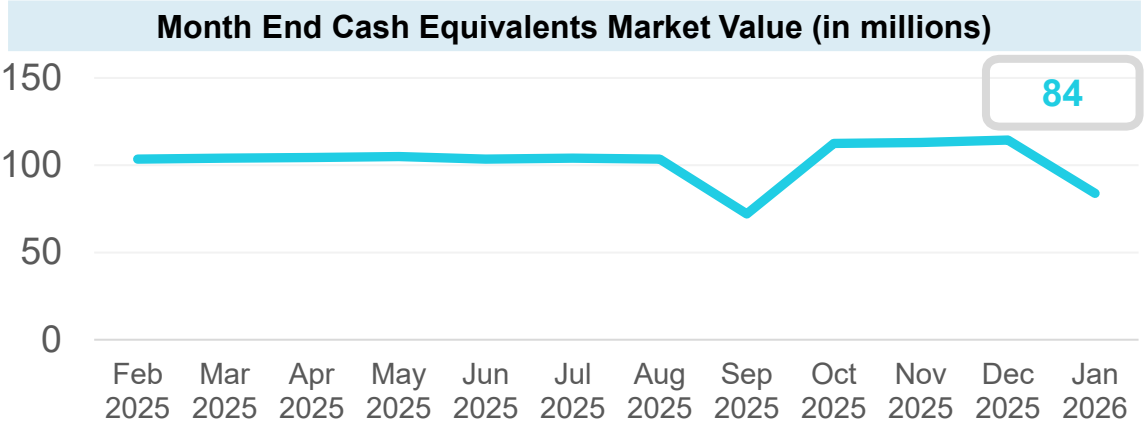
Cash Equivalents – Program Characteristics



Total Fund



OPEB Master Trust



Characteristics	Total Fund and OPEB Master Trust
Assets Liquid within 1 Day	100%
Asset Quality	90%+ S&P rating A or above
Cash and Cash Equivalent Exposures	U.S. Treasury, U.S. Agency, including repurchase agreements
Country	~90% U.S.

Observations

Total Fund and OPEB Master Trust Cash Equivalents:

- Maintains sufficient balances to support portfolio and operational needs
- Invests in liquid, high-quality, short-term investments
- Serves as the most liquid and least volatile asset

Next steps

- Cash equivalents investment guideline recommendations will be presented at a future BOI meeting

Inception Date: June 2001 total Fund/February 2013 OPEB Master Trust; Results are as of January 2026

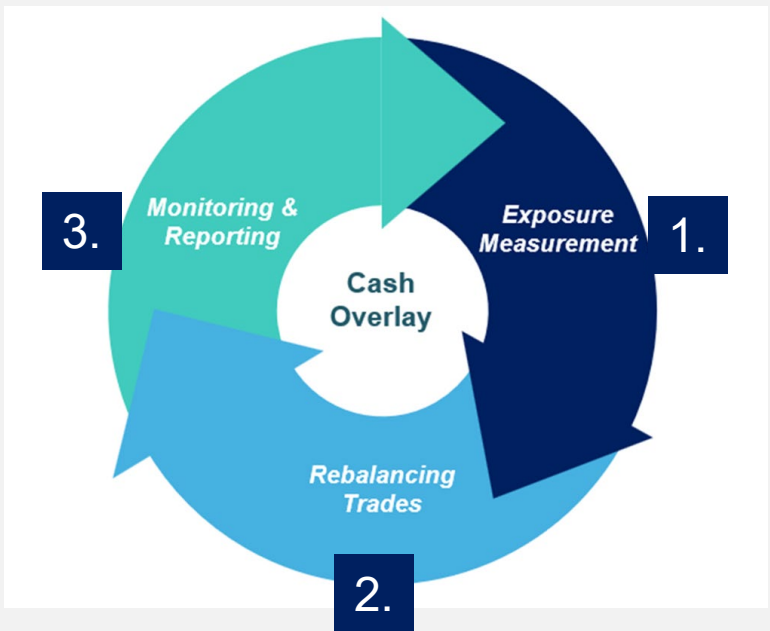


Review: Cash Overlay

Cash Overlay Program Overview



The cash overlay process is implemented in **three** steps:



In alignment with LACERA's Investment Beliefs, the overlay complements the cash allocation by **supporting rebalancing *and* adherence to the Board-approved SAA**



Monthly

Rebalance monthly or as necessary in accordance with the SAA:

Primary Objective

Maintain cash levels to cover at least three months of benefit payments

Secondary Objective

Adjust portfolio asset allocations to policy target weights

Daily

The cash overlay manager monitors functional category weights:

Primary Objective

Recalibrate allocation drift due to market movements

Secondary Objective

Minimize cash drag

Cash Overlay Program – Implementation

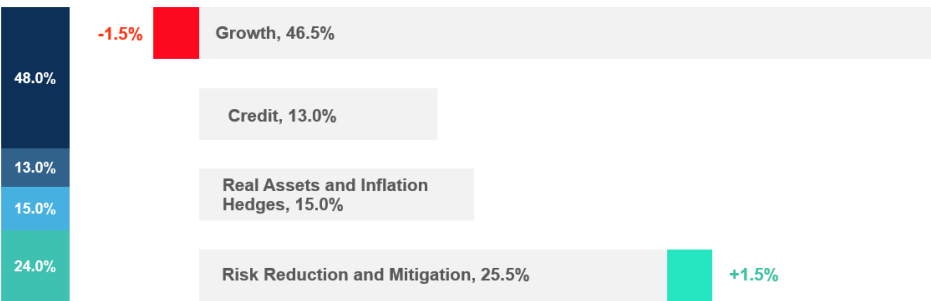


1. Measure Exposures

Exposure Example

Growth is **Underweight** 1.5%, or \$600 mm
Risk Reduction and Mitigation is **Overweight** 1.5%, or \$300 mm

Policy Target Weights



■ Growth
■ Credit
■ Real Assets & Inflation Hedges
■ Risk Reduction & Mitigation

■ Allocation

■ Underweight/Overweight

2. Rebalancing Trades

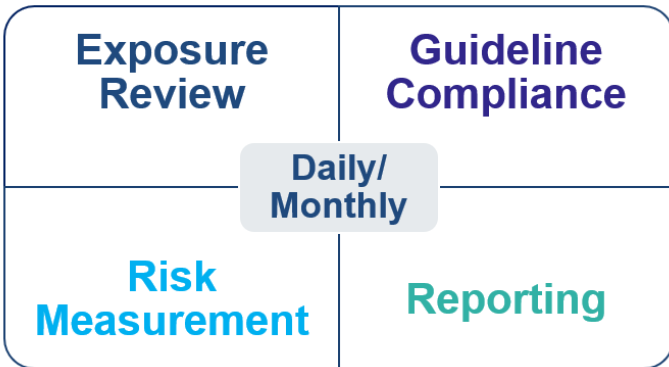
The overlay manager utilizes **exchange-traded futures** to replicate the risk/return profile of each functional asset category

Exposures are cash-backed and **fully collateralized**; no leverage is employed

Exchange-Traded Futures Used



3. Ongoing Monitoring and Reporting



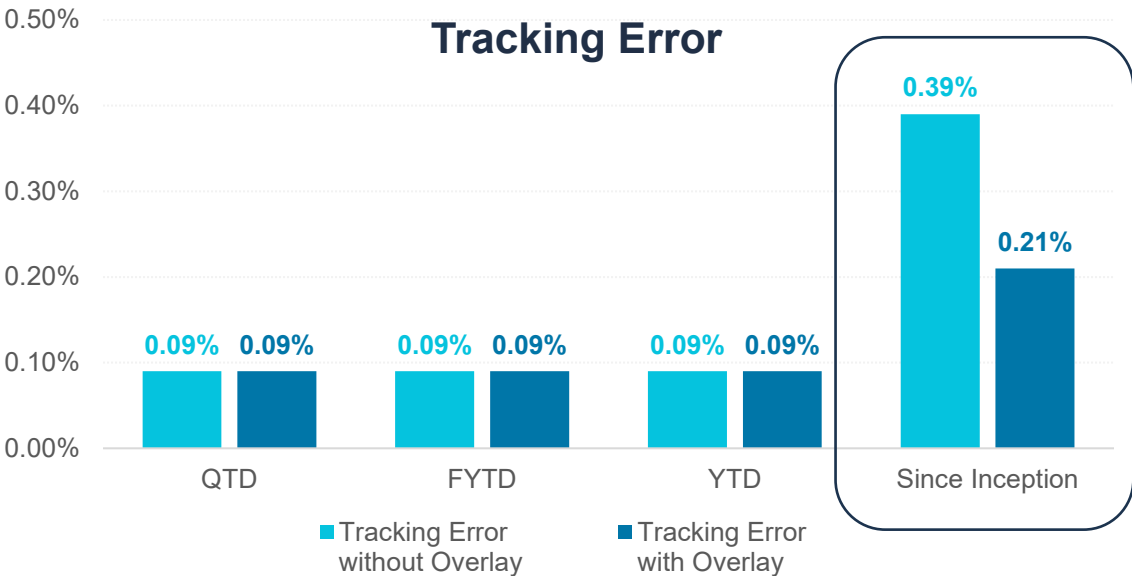
Program Results

Cash Overlay Program



	Total Gain/Loss USD (in millions)
QTD	50.6
YTD	50.6
FYTD	90.4
Since Inception	673.7

Inception Date: July 2019; Results are as of January 2026



Observations

- The cash overlay has achieved its total Fund program objectives
- Since inception, it has:
- Reduced tracking error by approximately 50%
 - Earned \$674 million in gains, thereby reducing cash drag

Next steps

- Completed passive cash overlay RFP in 4Q2025
- Working with cash overlay manager to:
 - Enhance total Fund implementation to further reduce tracking error
 - Implement a cash overlay program for the OPEB Master Trust
- Propose cash overlay guidelines at a future BOI meeting



Review: Global Equity Currency Hedge

Program Review

Global Equity Currency Hedge



Objective

- Minimize exchange rate risk in non-U.S. markets.
- Improve risk-adjusted returns by reducing currency volatility
- Reduce currency risk while maintaining diversification benefits of global stocks

Implementation

- **Strategy:** 50% hedge on developed market currencies
 - No hedge on emerging markets due to high costs
- **Manager:** External passive currency overlay manager
- **Hedging Instruments:** Currency forwards for cost-effective hedging
- **Rebalancing:** Monthly (90-day currency forwards with 1/3rd rolled monthly)

Risk Management & Reporting

- **Diversification:** Six approved counterparties
- **Exposure Limits:** 33% per counterparty
- **Contract Maturities:** Limited to 110 days
- **Hedged amount:** \$3.9 billion
 - 49.3% of Non-US Developed Markets portfolio (\$7.9 billion)
- **Reporting:** Monthly updates to LACERA
 - Forward positions
 - Account performance
 - Counterparty information

Implementation

Global Equity Currency Hedge



Program Results

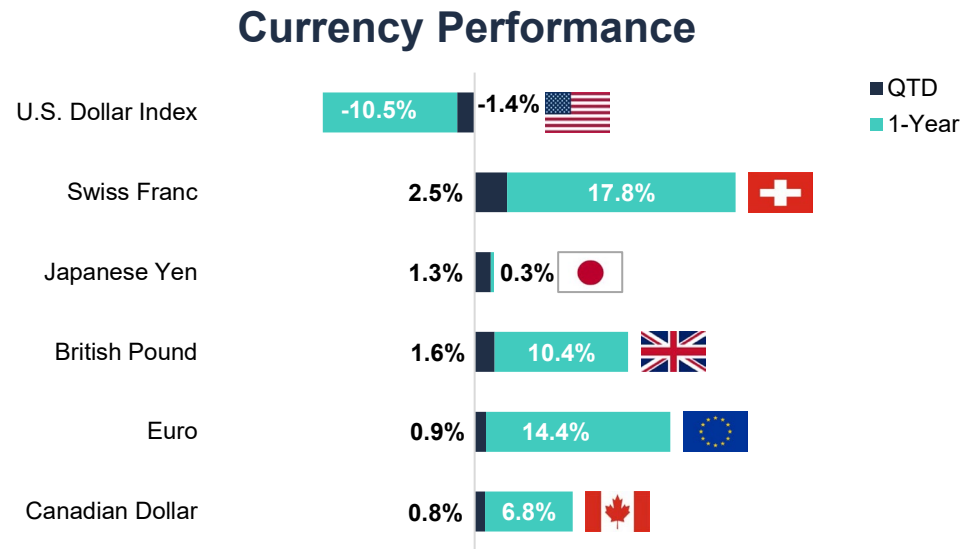
Global Equity Currency Hedge



Total Gain/Loss

USD (in millions)

	Total Gain/Loss USD (in millions)
QTD	22.5
YTD	22.5
FYTD	22.3
Since Inception	1,646.9



Observations

- The currency hedge has achieved its total Fund program objectives
- Since inception, it has:
- Minimize active non-U.S. developed market equity exchange rate risk
 - Earned \$1.65 billion in gains, thereby improving risk-adjusted returns

Next steps

- Propose global equity currency hedge guidelines at a future BOI meeting

Inception Date: August 2010; Results are as of January 2026

Summary and Next Steps



Summary

The cash equivalents, cash overlay, and currency hedge programs have:



Since inception, the cash overlay and currency hedge programs have resulted in ~\$2.3 billion in gains to LACERA's total Fund

Next Steps

1. In 4Q2025, LACERA completed an RFP for a passive cash overlay manager
 - The incumbent provider was retained for the total Fund and was hired to implement and manage a cash overlay program for the OPEB Master Trust
 - Design and implementation for the OPEB Master Trust program is underway as well as enhancements to the total Fund
2. Investment Guidelines for the cash equivalents, cash overlay, and currency hedge programs will be presented at a future BOI meeting



Appendix



Term	Definition
Cash Drag	The negative impact on portfolio performance of holding cash in-lieu of investing it.
Cash Equivalents	Short-term, highly liquid investments that can be readily convertible to known amounts of cash and subject to an insignificant risk of changes in value. Typically have an original maturity date of three months or less.
Counterparty	Any individual, institution, or legal entity that participates in a financial transaction with another party. In most financial agreements, there are at least two counterparties: one that buys and one that sells, or one that lends and one that borrows.
Currency Forward	An agreement to exchange a specific amount of one currency for another at a predetermined exchange rate on a future date.
Currency/Exchange Rate Risk	Potential for financial loss resulting from fluctuations in exchange rates between fund's local currency and the currencies in which its underlying assets are denominated.
Exchange-Traded Futures	Standardized financial contracts to buy or sell an asset at a predetermined price on a future date, traded on regulated exchanges such as the Chicago Mercantile Exchange (CME) or Intercontinental Exchange (ICE).
Fully Collateralized	A financial obligation that is secured by sufficient collateral (cash and cash equivalents) to cover its full value in the event of default. The value of the collateral is at least equal to, or greater than, the face value of the obligation.
Futures Contract	Agreement to buy or sell a specific amount of a commodity or financial instrument at a particular price on a stipulated future date.
Repurchase Agreements	Short-term, collateralized loan where one party sells securities – typically U.S. treasuries or agency MBS – to another party while simultaneously agreeing to buy them back later at a higher, pre-specified price.
Tracking Error	The volatility of a manager's excess return. It is measured by subtracting the benchmark return from the manager's return and calculating the standard deviation.

Sample Manager Reports



Cash Overlay

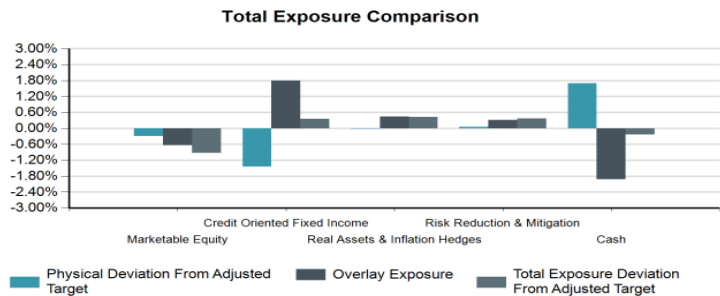
Parametric Overlay Solutions Performance Summary - 3/31/2025
Los Angeles County Employees Retirement Association - Main

Relationship Inception Date: 7/30/2019
Base Currency: USD

PARAMETRIC

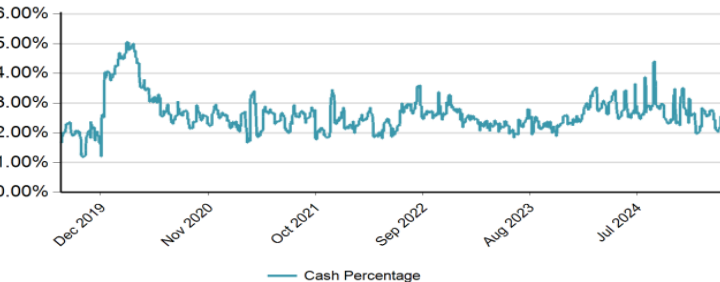
Month End Exposure

Daily Parametric Overlay Solutions reporting captures an estimate of the physical exposures of the fund. The Total Exposure Comparison provides a graphical representation of how the program effectively reduces deviations from fund target allocation.



Cash Exposure

One of the primary goals of Parametric Overlay Solutions is to reduce expected cash drag while maintaining access to "on demand" liquidity. The cash exposure graph is a historical depiction of cash levels within the fund. The table illustrates the effect of the overlay program by comparing active cash exposures versus effective cash exposures with the overlay project in place.



Global Equity Currency Hedge

As of 31 March 2025

LACERA Currency Hedge Strategy Characteristics

Fund information

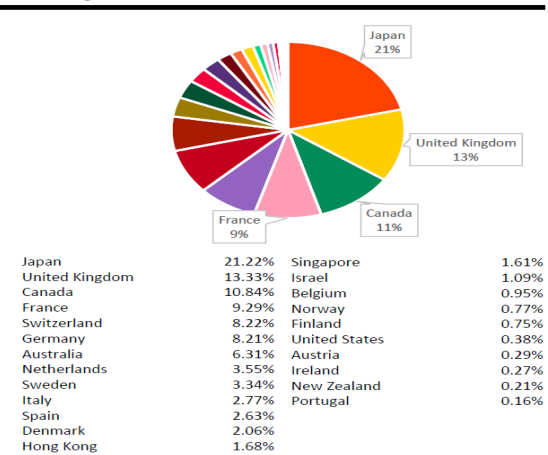
Benchmark	MSCI World ex US IMI Index 50% Hedged to USD
Total fund value	\$6.72B
Number of securities in fund	3,008
Number of securities in benchmark	3,008

Top 10 holdings

	Country	Weight (%)
SAP	Germany	1.25%
NESTLE SA	Switzerland	1.20%
ASML HOLDING NV	Netherlands	1.17%
ROCHE HOLDING PAR AG	Switzerland	1.04%
ASTRAZENECA PLC	United Kingdom	1.02%
SHELL PLC	United Kingdom	1.00%
NOVO NORDISK CLASS B	Denmark	0.99%
NOVARTIS AG	Switzerland	0.99%
HSBC HOLDINGS PLC	United Kingdom	0.99%
SIEMENS N AG	Germany	0.79%

Fund inception date 31 July 2010
Data is used for analytical purposes only. Breakdowns may not sum to 100 percent due to rounding, exclusion of cash, STIF and statistically immaterial factors. Portfolio holdings are subject to change and are not intended as a recommendation of individual securities.
Sources: BlackRock, MSCI Inc.

Country allocation (%)



BlackRock. FOR USE WITH LACERA ONLY - PROPRIETARY AND CONFIDENTIAL 28

Developed International Equity Valuations 3/31/2025

BLACKROCK

LACERA MSCI World Ex-US IMI Currency Hedge

Previous Month-End Value	2/28/2025	6,717,166,629
Benchmark Period Return	MSCI World ex-US IMI Index Return	3/31/2025 (0.4130)
Projected Current Month-End Value	3/31/2025	ESTIMATE 6,689,423,884



Cash Equivalents Report

