

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): January 5, 2023

Grayscale[®] Digital Large Cap Fund LLC

(Exact name of Registrant as Specified in Its Charter)

Cayman Islands
(State or Other Jurisdiction
of Incorporation)

000-56284
(Commission File Number)

98-1406784
(IRS Employer
Identification No.)

c/o Grayscale Investments, LLC
290 Harbor Drive, 4th Floor
Stamford, Connecticut
(Address of Principal Executive Offices)

06902
(Zip Code)

Registrant's Telephone Number, Including Area Code: 212 668-1427

N/A

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Grayscale Digital Large Cap Fund LLC Shares	GDLC	N/A

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 8.01 Other Events.

On January 4, 2023, Grayscale Investments, LLC, the manager (the “Manager”) of Grayscale Digital Large Cap Fund LLC (the “Fund”), completed its quarterly review of the Fund’s portfolio and initiated the process of rebalancing the Fund in accordance with the fund construction criteria, as described in the Fund’s Annual Report on Form 10-K filed with the Securities and Exchange Commission on September 1, 2022. In accordance with the fund construction criteria, the digital assets held by the Fund (the “Fund Components”) consist of the digital assets (the “Index Components”) included in the CoinDesk Large Cap Select Index (the “DLCS”), subject to the Manager’s discretion to exclude an Index Component under certain circumstances. The DLCS is rebalanced quarterly, beginning 14 days before the second business day of each January, April, July and October. On January 4, 2023, CoinDesk Indices, Inc. (in this capacity, the “Index Provider”) completed the quarterly rebalancing of the DLCS and determined that Bitcoin (“BTC”), Ethereum (“ETH”), Cardano (“ADA”), Solana (“SOL”), and Polygon (“MATIC”) met the inclusion criteria of the DLCS Index. Accordingly, the Manager adjusted the Fund’s portfolio by selling Avalanche (“AVAX”) and using the cash proceeds to purchase the existing Fund Components in proportion to their respective weightings. As a result of the rebalancing, AVAX has been removed from the Fund. No tokens were added to the Fund. As of January 5, 2023, following the rebalancing, the Fund Components consisted of 65.02% BTC, 30.73% ETH, 1.86% ADA, 1.39% MATIC, and 1.00% SOL, and each of the Fund’s shares represented 0.0004 BTC, 0.0025 ETH, 0.7123 ADA, 0.1803 MATIC, and 0.0076 SOL. Additional information regarding the Fund’s quarterly rebalancing is available in the Fund’s periodic reports filed with the Securities and Exchange Commission on Forms 10-K and 10-Q. A copy of the press release announcing the Fund’s quarterly rebalancing for the quarter ended December 31, 2022 is attached to this Current Report as Exhibit 99.1.

For operational purposes, the Fund values each Fund Component it holds by reference to a “Digital Asset Reference Rate.” The Digital Asset Reference Rate for each Fund Component at any time is the Indicative Price for such Fund Component as of 4:00 p.m., New York time, on the most recent business day. The “Indicative Price” is a volume-weighted average price in U.S. dollars of a digital asset for the immediately preceding 60-minute period derived from data collected from Digital Asset Exchanges trading such Fund Component (each, a “Constituent Exchange”) selected by CoinDesk Indices, Inc. (in this capacity, the “Reference Rate Provider”).

The Constituent Exchanges included in the Indicative Price for each respective Fund Component as of January 5, 2023 were as follows:

- BTC: Coinbase Pro, Binance.US, and LMAX Digital
- ETH: Coinbase Pro, Kraken, and LMAX Digital
- ADA: Binance.US, Coinbase Pro, and Kraken
- SOL: Coinbase Pro, Binance.US, and Kraken
- MATIC: Binance.US, Coinbase Pro, Kraken

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Press Release Announcing Grayscale Digital Large Cap Fund’s Quarterly Rebalancing (OTCQX: GDLC)
104	Cover Page Interactive Data File (the cover page XBRL tags are embedded within the inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Grayscale Investments, LLC as Manager of Grayscale
Digital Large Cap Fund LLC

Date: January 6, 2023

By: /s/ Michael Sonnenshein
Michael Sonnenshein
Chief Executive Officer

Grayscale® Digital Large Cap Fund, Grayscale® DeFi Fund, and Grayscale® Smart Contract Platform Ex-Ethereum Fund Announce Rebalancing of Funds for Fourth Quarter 2022

Press Release | 1/06/2023

STAMFORD, Conn., Jan. 06, 2023 (GLOBE NEWSWIRE) -- Grayscale Investments®, the world's largest digital currency asset manager, and manager of Grayscale® Digital Large Cap Fund (OTCQX: GDLC) (Digital Large Cap Fund), Grayscale® DeFi Fund (OTCQB: DEFG) (DeFi Fund), and Grayscale® Smart Contract Platform Ex-Ethereum Fund (GSCPxE Fund), today announced the updated Fund Component weightings for each product in connection with their respective fourth quarter 2022 reviews.

In accordance with the CoinDesk Large Cap Select Index methodology, Grayscale has adjusted the Digital Large Cap Fund's portfolio by selling certain amounts of the existing Fund Components in proportion to their respective weightings. As a result of the rebalancing, Avalanche (AVAX) has been removed from the CoinDesk Large Cap Select Index and Digital Large Cap Fund. No tokens were added to the Digital Large Cap Fund.

At the end of the day on January 5, 2023, the Digital Large Cap Fund's Fund Components were a basket of the following assets and weightings.*

- Bitcoin (BTC), 65.02%
- Ethereum (ETH), 30.73%
- Cardano (ADA), 1.86%
- Polygon (MATIC), 1.39%
- Solana (SOL), 1.00%

In accordance with the CoinDesk DeFi Select Index methodology, Grayscale has adjusted the DeFi Fund's portfolio by selling certain amounts of the existing Fund Components in proportion to their respective weightings, and using the cash proceeds to purchase Synthetix (SNX). No tokens were removed from the DeFi Fund.

Synthetix (SNX)

SNX is a digital asset that is created and transmitted through the operations of the peer-to-peer Synthetix network, a decentralized protocol that enables trading of synthetic digital assets without an intermediary. The Synthetix network allows users to gain exposure to real-world currencies, commodities, stocks, and indices through a decentralized trading platform. In order to create a synthetic asset that mirrors a specific real-world asset, users deposit SNX as collateral, and are issued the synthetic asset in return. Users may then trade the synthetic asset with other synthetic assets available on the Synthetix platform. In other words, synthetic assets are collateralized by a pool of SNX tokens. Holders of SNX have the ability to stake their SNX as

collateral to earn exchange rewards that are generated by fees on the network. Additionally, users who stake SNX are rewarded through inflation of the monetary supply of SNX. SNX holders also have the ability to use their tokens to vote for members of various Synthetix Councils who help govern the direction of the protocol.

Synthetix was originally founded by Cain Warwick as a project called Havven in June of 2018. In December of 2018 the project was renamed Synthetix and pivoted to creating a platform for trading of synthetic assets.

At the end of the day on January 5, 2023, the DeFi Fund's Fund Components were a basket of the following assets and weightings.*

- Uniswap (UNI), 65.05%
- Aave (AAVE), 12.39%
- MakerDAO (MKR), 8.15%
- Synthetix (SNX), 6.02%
- Curve DAO Token (CRV), 4.58%
- Compound (COMP), 3.81%

In accordance with the CoinDesk Smart Contract Platform Select Ex ETH Index methodology, Grayscale has adjusted the GSCPxE Fund's portfolio by selling certain amounts of the existing Fund Components in proportion to their respective weightings. As a result of the rebalancing, Algorand (ALGO) has been removed from the CoinDesk Smart Contract Platform Select Ex ETH Index and GSCPxE Fund. No tokens were added to the GSCPxE Fund.

At the end of the day on January 5, 2023, the GSCPxE Fund's Fund Components were a basket of the following assets and weightings.*

- Cardano (ADA), 28.08%
- Polygon (MATIC), 20.94%
- Polkadot (DOT), 15.98%
- Solana (SOL), 15.12%
- Avalanche (AVAX), 11.12%
- Cosmos (ATOM), 8.76%

Neither the Digital Large Cap Fund, the DeFi Fund, nor the GSCPxE Fund generate any income, and all regularly distribute Fund Components to pay for ongoing expenses. Therefore, the amount of Fund Components represented by shares of each fund gradually decreases over time.

For more information, please visit [grayscale.com](https://www.grayscale.com).

This press release is not an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal, nor shall there be any sale of any security in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of that jurisdiction.

**The compositions of the Digital Large Cap Fund, the DeFi Fund and the GSCPxE Fund are evaluated on a quarterly basis to remove existing Fund Components or to include new Fund Components, in accordance with the index methodologies established by the Index Provider. Holdings and weightings of each Fund are subject to change. Investors cannot directly invest in an index.*

About Grayscale® Digital Large Cap Fund

Digital Large Cap Fund seeks to provide investors with exposure to large-cap coverage of the digital asset market through a market cap-weighted portfolio designed to track the CoinDesk Large Cap Select Index. Digital Large Cap Fund holds the largest and most liquid digital assets that meet certain trading and custody requirements and are classified in the CoinDesk Digital Asset Classification Standard (DACs); the weightings of each Fund Component change daily and are published around 4:00 p.m. NY-time.* Additional information on the Index methodology can be found at: <https://tradeblock.com/markets/dlcs>.

Digital Large Cap Fund's investment objective is for its Shares to reflect the value of Fund Components held by the Digital Large Cap Fund, less its expenses and other liabilities. To date, the Digital Large Cap Fund has not met its investment objective and the Shares quoted on OTCQX have not reflected the value of Fund Components held by the Digital Large Cap Fund, less the Digital Large Cap Fund's expenses and other liabilities, but instead have traded at both premiums and discounts to such value, with variations that have at times been substantial.

About Grayscale® DeFi Fund

DeFi Fund seeks to provide investors with exposure to a selection of industry-leading decentralized finance platforms through a market cap-weighted portfolio designed to track the CoinDesk DeFi Select Index. DeFi Fund holds the largest and most liquid digital assets that meet certain trading and custody requirements and are classified in the DeFi sector defined by CoinDesk Digital Asset Classification Standard (DACs); the weightings of each Fund Component change daily and are published around 4:00 p.m. NY-time.* Additional information on the CoinDesk DeFi Select Index methodology can be found at <https://tradeblock.com/markets/dfx/>.

DeFi Fund's investment objective is for its Shares to reflect the value of Fund Components held by the DeFi Fund, less its expenses and other liabilities. To date, the DeFi Fund has not met its investment objective and the Shares quoted on OTCQB have not reflected the value of Fund Components held by the DeFi Fund, less the DeFi Fund's expenses and other liabilities, but instead have traded at premiums to such value, with variations that have at times been substantial.

About Grayscale® Smart Contract Platform Ex-Ethereum Fund

GSCPxE Fund seeks to provide investors with exposure to a selection of industry-leading Smart Contract Platforms through a market cap-weighted portfolio designed to track the CoinDesk Smart Contract Platform Select Ex ETH Index. GSCPxE Fund holds the largest and most liquid digital assets, excluding ETH, that meet certain trading and custody requirements, and are classified in the Smart Contract Platform sector defined by CoinDesk Digital Asset Classification Standard (DACS); the weightings of each Fund Component change daily and are published around 4:00 p.m. NY-time.* Additional information on the CoinDesk Smart Contract Platform Select Ex ETH Index methodology can be found at <https://tradeblock.com/markets/scpxx>.

Grayscale intends to attempt to have shares of this new product quoted on a secondary market. However, there is no guarantee this will be successful. Although the shares of certain products have been approved for trading on a secondary market, investors in this new product should not assume that the shares will ever obtain such an approval due to a variety of factors, including questions regulators such as the SEC, FINRA or other regulatory bodies may have regarding the product. As a result, shareholders of this product should be prepared to bear the risk of investment in the shares indefinitely.

About Grayscale Investments®

Grayscale enables investors to access the digital economy through a family of secure, regulated, and future-forward investment products. Founded in 2013, Grayscale has a proven track record and deep expertise as the world's largest digital currency asset manager. Investors, advisors, and allocators turn to Grayscale for single asset, diversified, and thematic exposure. Grayscale products are distributed by Grayscale Securities, LLC (Member FINRA/SIPC). For more information, please follow @Grayscale or visit grayscale.com.

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