

**Kayne Anderson Renewable Infrastructure Fund
a series of Series Portfolios Trust (the “Trust”)**

**Supplement dated July 28, 2021 to the
Prospectus dated April 30, 2021**

This supplement amends the Prospectus for the Kayne Anderson Renewable Infrastructure Fund (the “Fund”) dated April 30, 2021.

Effective August 1, 2021, Kayne Anderson Capital Advisors, L.P. (the “Adviser”) has contractually agreed to lower its management fee from 1.00% to 0.85% of the Fund’s average daily net assets. Also effective August 1, 2021, to reduce the Fund’s Total Annual Fund Operating Expenses, the Adviser has contractually agreed, pursuant to an operating expense limitation agreement between the Adviser and the Trust, on behalf of the Fund, to reduce the Fund’s operating expense limit by 0.30% so that Total Annual Fund Operating Expenses (excluding Rule 12b-1 fees, shareholder servicing fees, acquired fund fees and expenses, front-end or contingent deferred loads, dividends and interest on short positions, taxes, leverage interest, brokerage fees (including commissions, mark-ups and mark-downs), other transactional expenses, annual account fees for margin accounts, expenses incurred in connection with any merger or reorganization, or extraordinary expenses such as litigation) do not exceed 1.00% of the Fund’s average daily net assets through at least August 1, 2022.

The “Fees and Expenses of the Fund” table and “Example” in the section titled “Summary Section” on page 1 of the Fund’s Prospectus are hereby deleted and replaced with the following:

Annual Fund Operating Expenses <i>(expenses that you pay each year as a percentage of the value of your investment)</i>	Retail Class	Class I
Management Fees	0.85%	0.85%
Distribution and Service (Rule 12b-1) Fees	0.25%	0.00%
Other Expenses ⁽¹⁾	<u>1.02%</u>	<u>1.02%</u>
Total Annual Fund Operating Expenses	2.12%	1.87%
Fee Waiver and/or Expense Reimbursement ⁽²⁾	<u>(0.86)%</u>	<u>(0.86)%</u>
Total Annual Fund Operating Expenses After Fee Waiver and/or Expense Reimbursement ⁽²⁾	<u>1.26%</u>	<u>1.01%</u>

⁽¹⁾ “Other Expenses” includes Acquired Fund Fees and Expenses that did not exceed 0.01% of the Fund’s average net assets. Acquired Fund Fees and Expenses are the indirect costs of investing in other investment companies. The operating expenses in this fee table will not correlate to the expense ratio in the Fund’s financial highlights because the financial statements include only the direct operating expenses incurred by the Fund.

⁽²⁾ Kayne Anderson Capital Advisors, L.P. (the “Adviser”) has contractually agreed to waive its management fees, and/or reimburse Fund operating expenses, in order to ensure that Total Annual Fund Operating Expenses (excluding Rule 12b-1 fees, shareholder servicing fees, acquired fund fees and expenses, front-end or contingent deferred loads, dividends and interest on short positions, taxes, leverage interest, brokerage fees (including commissions, mark-ups and mark-downs), other transactional expenses, annual account fees for margin accounts, expenses incurred in connection with any merger or reorganization, or extraordinary expenses such as litigation) do not exceed 1.00% of the average daily net assets of the Fund (the “Expense Cap”). The Expense Cap will remain in effect through at least August 1, 2022 and may be terminated at any time thereafter upon 60 days’ written notice by the Trust’s Board of Trustees (the “Board”) or the Adviser, with the consent of the Board. The Adviser may request recoupment of previously waived fees and reimbursed expenses from the Fund for three years from the date they were waived or reimbursed, provided that, after recoupment has been taken into account, the Fund is

able to make the recoupment without exceeding the lesser of the Expense Cap: (i) in effect at the time of the waiver or reimbursement, or (ii) in effect at the time of recoupment.

Example

This Example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds. The Example assumes that you invest \$10,000 in the Fund for the time periods indicated and then redeem all of your shares at the end of those periods. The Example also assumes that your investment has a 5% return each year and that the Fund's operating expenses remain the same (taking into account the Expense Cap through August 1, 2022). Although your actual costs may be higher or lower, based on these assumptions, your costs would be:

	One Year	Three Years	Five Years	Ten Years
Retail Class	\$128	\$558	\$1,037	\$2,361
Class I	\$103	\$481	\$908	\$2,097

The last sentence in the first full paragraph on page 16 of the Fund's Prospectus, under the section titled "Management of the Fund - Investment Advisor" is hereby deleted and replaced with the following:

For its services, the Fund pays the Adviser a monthly management fee that is calculated at the annual rate of 0.85% of the Fund's average daily net assets.

The third full paragraph on page 16 of the Fund's Prospectus, under the section titled "Management of the Fund - Investment Advisor" is hereby deleted and replaced with the following:

The Adviser has contractually agreed to waive its management fees, and may reimburse the Fund for its operating expenses, in order to ensure that Total Annual Fund Operating Expenses (excluding Rule 12b-1 fees, shareholder servicing fees, acquired fund fees and expenses, front-end or contingent deferred loads, dividends and interest on short positions, taxes, leverage interest, brokerage fees (including commissions, mark-ups and mark-downs), other transactional expenses, annual account fees for margin accounts, expenses incurred in connection with any merger or reorganization, or extraordinary expenses such as litigation) do not exceed 1.00% of the average daily net assets of the Fund, also referred to herein as the Expense Cap. The Expense Cap will remain in effect for an initial two-year term ending August 1, 2022, and may be terminated at any time thereafter upon 60 days' written notice by the Board or the Adviser, with consent of the Board. The Adviser may also voluntarily waive additional management fees or absorb certain Fund expenses at its discretion. The Adviser may request recoupment of previously waived fees and reimbursed expenses from the Fund for three years from the date they were waived or reimbursed, provided that, after recoupment has been taken into account, the Fund is able to make the recoupment without exceeding the lesser of the Expense Cap: (i) in effect at the time of the waiver or reimbursement, or (ii) in effect at the time of recoupment.

Please retain this supplement future reference.

Kayne Anderson

Renewable Infrastructure Fund

Summary Prospectus

Retail Class (KARRX) • Class I (KARIX)

The U.S. Securities and Exchange Commission (“SEC”) has not approved or disapproved of these securities or determined if this Prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

Before you invest, you may want to review Kayne Anderson Renewable Infrastructure Fund’s (the “Fund”) prospectus, which contains more information about the Fund and its risks. The current Statutory Prospectus and Statement of Additional Information dated April 30, 2021, are incorporated by reference into this Summary Prospectus. You can find the Fund’s Statutory Prospectus, Statement of Additional Information, reports to shareholders and other information about the Fund online at www.kaynefunds.com. You can also get this information at no cost by calling the Fund (toll-free) at 844-95-KAYNE (844-955-2963) or by sending an e-mail request to mutualfunds@kaynecapital.com.

April 30, 2021

www.kaynefunds.com • 844.95-KAYNE

Kayne Anderson Renewable Infrastructure Fund

Retail Class

(Trading Symbol: KARRX)

Class I

(Trading Symbol: KARIX)

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Fund's annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Fund's website (www.kaynefunds.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive shareholder reports and other communications from the Fund electronically anytime by contacting your financial intermediary (such as a broker-dealer or a bank) or, if you are a direct investor, by sending an email request to mutualfunds@kaynecapital.com.

You may elect to receive all future reports in paper free of charge. If you invest through a financial intermediary, you can contact your financial intermediary to request that you continue to receive paper copies of your shareholder reports. If you invest directly with the Fund, you can send an email request to mutualfunds@kaynecapital.com to let the Fund know you wish to continue receiving paper copies of your shareholder reports. Your election to receive reports in paper will apply to all funds held in your account if you invest through your financial intermediary or all funds held with the fund complex if you invest directly with the Fund.

Investment Objective

The Kayne Anderson Renewable Infrastructure Fund (the "Fund") seeks total return through a combination of current income and capital appreciation.

Fees and Expenses of the Fund

This table describes the fees and expenses that you may pay if you buy, hold, and sell shares of the Fund. You may pay other fees, such as brokerage commissions and other fees to financial intermediaries, which are not reflected in the table and example below.

Annual Fund Operating Expenses

(expenses that you pay each year as a percentage of the value of your investment)

	Retail Class	Class I
Management Fees	1.00%	1.00%
Distribution and Service (Rule 12b-1) Fees	0.25%	0.00%
Other Expenses ⁽¹⁾	<u>1.02%</u>	<u>1.02%</u>
Total Annual Fund Operating Expenses	2.27%	2.02%
Fee Waiver and/or Expense Reimbursement ⁽²⁾	<u>(0.71)%</u>	<u>(0.71)%</u>
Total Annual Fund Operating Expenses After Fee Waiver and/or Expense Reimbursement ⁽¹⁾	<u>1.56%</u>	<u>1.31%</u>

⁽¹⁾ "Other Expenses" includes Acquired Fund Fees and Expenses that did not exceed 0.01% of the Fund's average net assets. Acquired Fund Fees and Expenses are the indirect costs of investing in other investment companies. The operating expenses in this fee table will not correlate to the expense ratio in the Fund's financial highlights because the financial statements include only the direct operating expenses incurred by the Fund.

⁽²⁾ Kayne Anderson Capital Advisors, L.P. (the "Adviser") has contractually agreed to waive its management fees, and/or reimburse Fund operating expenses, in order to ensure that Total Annual Fund Operating Expenses (excluding Rule 12b-1 fees, shareholder servicing fees, acquired fund fees and expenses, front-end or contingent deferred loads, dividends and interest on short positions, taxes, leverage interest, brokerage fees (including commissions, mark-ups and mark-downs), other transactional expenses, annual account fees for margin accounts, expenses incurred in connection with any merger or reorganization, or extraordinary expenses such as litigation) do not exceed 1.30% of the average daily net assets of the Fund (the "Expense Cap"). The Expense Cap will remain in effect through at least July 23, 2022 and may be terminated at any time thereafter upon 60 days' written notice by the Trust's Board of Trustees (the "Board") or the Adviser, with the consent of the Board. The Adviser may request recoupment of previously waived fees and reimbursed expenses from the Fund for three years from the date they were waived or reimbursed, provided that, after recoupment has been taken into account, the Fund is able to make the recoupment without exceeding the lesser of the Expense Cap: (i) in effect at the time of the waiver or reimbursement, or (ii) in effect at the time of recoupment.

Example

This Example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds. The Example assumes that you invest \$10,000 in the Fund for the time periods indicated and then redeem all of your shares at the end of those periods. The Example also assumes that your investment has a 5% return each year and that the Fund's operating expenses remain the same (taking into account the Expense Cap through July 23, 2022). Although your actual costs may be higher or lower, based on these assumptions, your costs would be:

	One Year	Three Years	Five Years	Ten Years
Retail Class	\$159	\$641	\$1,150	\$2,550
Class I	\$133	\$565	\$1,022	\$2,291

Portfolio Turnover

The Fund pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when Fund shares are held in a taxable account. These costs, which are not reflected in the annual fund operating expenses or in the Example, affect the Fund’s performance. During the most recent fiscal period ended December 31, 2020, the Fund’s portfolio turnover rate was 11% of the average value of its portfolio.

Principal Investment Strategies

The Fund, under normal market conditions, invests at least 80% of its net assets (plus any borrowings for investment purposes) in a portfolio of renewable infrastructure companies that are involved in business activities related to renewable energy production, storage and transmission. These companies include companies that own or operate assets used in the development, generation, production, transmission, storage and sale of alternative and renewable energy such as solar power, wind power, biofuels, hydropower, or geothermal power (“Renewable Infrastructure Companies”). Renewable Infrastructure Companies may also be engaged in businesses related to energy conservation, water infrastructure, conventional power generation and the sale, distribution, transmission and marketing of electricity.

The Adviser selects investments from the universe of companies engaged in owning, operating and developing renewable infrastructure assets around the world. In general, companies that meet the Adviser’s criteria for inclusion either (i) derive the majority of their revenues, as determined by the Adviser, from renewable infrastructure assets or (ii) are investing the majority of their growth capital into renewable infrastructure assets with the intention of renewable infrastructure becoming a significant part of their business. Within the investment universe, security selection is based on fundamental analysis of the company, internal valuation methods, and the projected rate of return from the investment given the level of risk.

The Adviser may sell a security when it no longer meets the criteria for inclusion in the Fund’s investment universe, when the security has met or exceeded its projected rate of return or when a more attractive investment becomes available.

The Fund’s investments in Renewable Infrastructure Companies will typically be in the form of common stocks, but may also include preferred stocks. The Fund may also invest in shares of companies through “new issues” or initial public offerings (“IPOs”). The Fund may use various hedging and other risk management strategies to seek to manage market risks or foreign currency risks. Such hedging strategies would be utilized to seek to protect against possible adverse changes in the market value of securities held in the Fund’s portfolio or foreign currency exchange rates, or to otherwise protect the value of its portfolio. The Fund may execute its hedging and risk management strategy by engaging in a variety of transactions, including swaps or futures contracts on indexes or foreign currencies.

The Fund invests in domestic and foreign securities of Renewable Infrastructure Companies, primarily in securities of companies domiciled in developed market countries, but the Fund may also invest in securities of issuers located in emerging market countries. The Adviser considers emerging market to be countries outside of the Organisation for Economic Co-operation and Development (“OECD”) member group. The Fund’s investments in foreign securities include American Depositary Receipts (“ADRs”), Global Depositary Receipts (“GDRs”), International Depositary Receipts (“IDRs”), U.S. dollar-denominated foreign securities, and securities and instruments denominated in non-U.S. currencies.

The Fund may invest in securities that are illiquid, thinly traded or subject to special resale restrictions, such as those imposed by Rule 144A promulgated under the Securities Act of 1933, as amended (the “Securities Act”). The Rule 144A securities in which the Fund may invest include corporate bonds and

unregistered equity securities acquired via a private placement. The Fund is “non-diversified,” meaning that a relatively high percentage of its assets are invested in a limited number of issuers of securities. In addition, the Fund has a policy of concentrating in the renewable energy industry. The Fund intends to be taxed as a regulated investment company (“RIC”) and comply with all RIC-related restrictions.

Distribution Policy. The Fund’s distribution policy is to make distributions no less frequently than quarterly to shareholders. The Fund may, at the discretion of management, target a specific level of quarterly distributions (including any return of capital) from time to time. Shareholders receiving periodic payments from the Fund may be under the impression that they are receiving net profits. However, all or a portion of a distribution may consist of a return of capital. Shareholders should not assume that the source of a distribution from the Fund is net profit. If the Fund’s distributions include return of capital, a shareholder’s cost basis will be reduced so that a shareholder may be required to pay capital gains even if the sales price is less than the purchase price. For more information about the Fund’s distribution policy, please turn to “Investment Objective, Strategies, Risks and Disclosure of Portfolio Holdings” section in the Fund’s Prospectus.

Principal Risks

As with any mutual fund, there are risks to investing. An investment in the Fund is not a deposit of a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency. Remember, in addition to possibly not achieving your investment goals, **you could lose all or a portion of your investment in the Fund over short or even long periods of time.** The principal risks of investing in the Fund are summarized below.

New Fund Risk. As of the date of this Prospectus, the Fund has a limited operating history and may not attract sufficient assets to achieve or maximize investment and operational efficiencies.

New Adviser Risk. The Adviser has not previously served as an adviser to a mutual fund. As a result, there is no long-term track record against which an investor may judge the Adviser and it is possible the Adviser may not achieve the Fund’s intended investment objective.

Non-Diversified Fund Risk. The Fund is a non-diversified, investment company under the Investment Company Act of 1940, as amended (the “1940 Act”). Because the Fund is non-diversified, it will invest a greater percentage of its assets in the securities of a limited number of issuers. As a result, a decline in the value of an investment in a single issuer could cause the Fund’s overall value to decline to a greater degree than if the Fund held a more diversified portfolio.

Renewable Infrastructure Company Risk. Because the Fund invests in Renewable Infrastructure Companies, the value of Fund shares may be affected by events that adversely affect companies in that industry. These can include contract counterparty defaults, adverse political and regulatory changes, poor weather conditions for renewable power generation, falling power prices, losses on financial hedges, technological obsolescence, competition and general economic conditions.

Market Risk. The values of, and/or the income generated by, securities held by a Fund may decline due to general market conditions or other factors, including those directly involving the issuers of such securities. Securities markets are volatile and may decline significantly in response to adverse issuer, regulatory, political, or economic developments. Different sectors of the market and different security types may react differently to such developments. Political, geopolitical, natural and other events, including war, terrorism, trade disputes, government shutdowns, market closures, natural and environmental disasters, epidemics, pandemics and other public health crises and related events have led, and in the future may lead, to economic uncertainty, decreased economic activity, increased market volatility and other disruptive effects on U.S. and global economies and markets. Such events may have

significant adverse direct or indirect effects on a Fund and its investments. In addition, economies and financial markets throughout the world are becoming increasingly interconnected, which increases the likelihood that events or conditions in one country or region will adversely impact markets or issuers in other countries or regions.

Market Turbulence Resulting from COVID-19. An outbreak of an infectious respiratory illness caused by a novel coronavirus known as COVID-19 has negatively affected the worldwide economy, as well as the economies of individual countries, the financial health of individual companies and the market in general in significant and unforeseen ways. Financial markets have experienced extreme volatility and severe losses, and trading in many instruments has been disrupted. Liquidity for many instruments has been greatly reduced for periods of time. Some interest rates are very low and in some cases yields are negative. Some sectors of the economy and individual issuers have experienced particularly large losses. The future impact of COVID-19 is currently unknown, and it may exacerbate other risks that apply to the Fund. Any such impact could adversely affect the Fund's performance, the performance of the securities in which the Fund invests and may lead to losses on investments in the Fund.

Regulatory Risk. Changes in the laws or regulations of the United States or other countries, including any changes to applicable tax laws and regulations, could impair the ability of the Fund to achieve its investment objective and could increase the operating expenses of the Fund.

Distribution Policy Risk. The Fund may, at the discretion of management, target a specific level of quarterly distributions (including any return of capital) from time to time. Shareholders receiving periodic payments from the Fund may be under the impression that they are receiving net profits. However, all or a portion of a distribution may consist of a return of capital. Shareholders should not assume that the source of a distribution from the Fund is net profit. Shareholders should note that return of capital will reduce the tax basis of their shares and potentially increase the taxable gain, if any, upon disposition of their shares.

Equity Securities Risk. The prices of equity securities will fluctuate and can decline and reduce the value of a portfolio investing in equities. The value of equity securities purchased by the Fund could decline if the financial condition of the companies the Fund invests in decline or if overall market and economic conditions deteriorate.

Preferred Stock Risk. Preferred stocks may be more volatile than fixed-income securities and are more correlated with the issuer's underlying common stock than fixed-income securities. Additionally, the dividend on a preferred stock may be changed or omitted by the issuer. Preferred stock market values may change based on changes in interest rates.

Foreign Investments and Emerging Markets Risk. Securities of non-U.S. issuers, including those located in foreign countries, may involve special risks caused by foreign political, social and economic factors, including exposure to currency fluctuations, less liquidity, less developed and less efficient trading markets, political instability and less developed legal and auditing standards. These risks are heightened for investments in issuers organized or operating in developing countries.

Depositary Receipts Risk. ADRs, GDRs, and IDRs are certificates evidencing ownership of shares of a foreign issuer and are alternatives to directly purchasing the underlying foreign securities in their national markets and currencies. However, they continue to be subject to many of the risks associated with investing directly in foreign securities. These risks include the social, political and economic risks of the underlying issuer's country, as well as in the case of depositary receipts traded on non-U.S. markets, exchange risk. Issuers of unsponsored ADRs are not contractually obligated to disclose material

information in the U.S., so there may not be a correlation between such information and the market value of the unsponsored ADR.

Initial Public Offering Risk. Securities offered in IPOs may be limited in the number of shares available for trading, making them less liquid and more difficult to buy or sell at favorable prices. The market for those securities may be unseasoned. The issuer may have a limited operating history. These factors may contribute to price volatility.

Rule 144A Securities Risk. The market for Rule 144A securities typically is less active than the market for publicly-traded securities. Rule 144A securities carry the risk that the liquidity of these securities may become impaired, making it more difficult for the Fund to sell these securities.

Management Risk. The Fund is subject to the risk of poor stock selection. In other words, the individual stocks in the Fund may not perform as well as expected, and/or the Fund's portfolio management practices may not work to achieve their desired result.

Cybersecurity Risk. With the increased use of technologies such as the Internet to conduct business, the Fund is susceptible to operational, information security, and related risks. Cyber incidents affecting the Fund or its service providers may cause disruptions and impact business operations, potentially resulting in financial losses, interference with the Fund's ability to calculate its net asset value ("NAV"), impediments to trading, the inability of shareholders to transact business, violations of applicable privacy and other laws, regulatory fines, penalties, reputational damage, reimbursement or other compensation costs, or additional compliance costs.

Interest Rate Risk. General interest rate fluctuations and changes in credit spreads on floating rate loans may have a substantial negative impact on the Fund's investments and investment opportunities and, accordingly, may have a material adverse effect on the Fund's rate of return on invested capital and our net asset value.

Foreign Currency Hedging Risk. The Adviser may hedge against currency risk resulting from investing in securities outside of the U.S. valued in non-U.S. currencies. If the Adviser's forecast of exchange rate movements is incorrect, the Fund may realize losses on their foreign currency transactions. In addition, the Fund's hedging transactions may prevent the Funds from realizing the benefits of a favorable change in the value of foreign currencies.

Performance

When the Fund has been in operation for a full calendar year, performance information will be shown here. Updated performance information is available on the Fund's website at www.kaynefunds.com or by calling the Fund toll-free at 1-844-95-KAYNE (1-844-955-2963).

Management

Investment Adviser

Kayne Anderson Capital Advisors, L.P. is the Fund's investment adviser.

Portfolio Managers

John C. ("J.C.") Frey, Justin Campeau and Jody Meraz are the portfolio managers jointly responsible for the day-to-day management of the Fund. Mr. Frey, Mr. Campeau and Mr. Meraz have managed the Fund since its inception date of July 2020.

Purchase and Sale of Fund Shares

You may purchase or redeem Fund shares on any day that the New York Stock Exchange (“NYSE”) is open for business by written request via mail to Kayne Anderson Renewable Infrastructure Fund, c/o U.S. Bank Global Fund Services, P.O. Box 701, Milwaukee, Wisconsin 53201-0701, by wire transaction, by contacting the Fund by telephone at 1-844-95-KAYNE (1-844-955-2963) or through a financial intermediary. Investors who wish to purchase or redeem Fund shares through a financial intermediary should contact the financial intermediary directly. The minimum initial investment and subsequent investment amounts are listed below.

	Minimum Initial Investment	Minimum Subsequent Investment
Retail Class	\$2,500	\$100
Class I	\$250,000	\$100

Tax Information

The Fund’s dividends and distributions may be subject to Federal income taxes, and will be taxed as ordinary income, capital gains or a return of capital, unless you are a tax-exempt organization or are investing through a tax-deferred arrangement such as a 401(k) plan or individual retirement account. You may be taxed later upon withdrawal of monies from such tax-deferred arrangements.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase Fund shares through a broker-dealer or other financial intermediary (such as a bank or financial advisor), the Fund and/or its Adviser may pay the intermediary for the sale of Fund shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the Fund over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.