UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of November 2024

Commission File Number 001-36487

Atlantica Sustainable Infrastructure plc

(Exact name of Registrant as Specified in its Charter)

Not Applicable (Translation of Registrant's name into English)

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Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

☑ Form 20-F

□ Form 40-F

EXHIBIT INDEX

Exhibit No. 99.1 Description

Atlantica announces closing of Atlantica's Acquisition by Energy Capital Partners and Co-Investors expected December 12, 2024.

SIGNATURE

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.

Date: November 4, 2024

ATLANTICA SUSTAINABLE INFRASTRUCTURE PLC

By: /s/ Santiago Seage

Name: Santiago Seage Title: Chief Executive Officer

ATLANTICA SUSTAINABLE INFRASTRUCTURE PLC

By: /s/ Francisco Martinez-Davis

Name: Francisco Martinez-Davis Title: Chief Financial Officer



Closing of Atlantica's Acquisition by Energy Capital Partners and Co-Investors Expected December 12

November 4, 2024 – Atlantica Sustainable Infrastructure plc (NASDAQ: AY) ("Atlantica" or the "Company"), announced today that the pending acquisition of the Company by Energy Capital Partners and a group of co-investors (the "Transaction") is expected to close on December 12, 2024.

All regulatory approvals required in connection with Transaction (including clearance by the Committee on Foreign Investment in the United States and by the Federal Energy Regulatory Commission in the United States) were received by October 25th. Due to the limited availability of court dates and the mutual desire of the parties to effect an orderly closing of the Transaction, the parties have agreed a date for the hearing of the High Court of Justice of England and Wales (the "Court") to sanction the Transaction on December 10, 2024. Closing will therefore take place two business days later, on December 12, 2024.

In connection with the scheduling of the closing, Atlantica and Energy Capital Partners have agreed that Atlantica may declare and pay a final cash dividend of up to \$0.2225 per Atlantica share on or prior to the closing. The declaration and payment of that dividend is subject to the approval and authorization of the Atlantica board of directors at an upcoming scheduled board meeting. If approved, details of such dividend, including the relevant record date, are expected to be confirmed in a further release to be made by the Company in relation to its third quarter 2024 results, expected to be published on November 14, 2024 after market close.

For further information regarding the Transaction and the relevant agreements related thereto, please see the Report of Foreign Private Issuer on Form 6-K filed on July 16, 2024, including the exhibits thereto and the Report of Foreign Private Issuer on Form 6-K filed on July 16, 2024, including the exhibits thereto. The descriptions of the Transaction and such agreements outlined above do not purport to be complete and are qualified in their entirety by reference to the full text of such agreements which are exhibits to the abovementioned Reports of Foreign Private Issuer on Form 6-K.

Forward-Looking Statements

This press release includes forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Any statements that express, or involve discussions as to, expectations, beliefs, plans, objectives, assumptions, strategies, future events or performance (often, but not always, through the use of words or phrases such as "may result", "are expected to", "will continue", "is expected", "likely to be", "believe", "will", "could", "should", "would", "estimated", "may", "plan", "potential", "future", "projection", "goals", "target", "outlook", "predict", "aim" and "intend" or words of similar meaning) or the negative of these terms or other comparable terminology are not statements of historical facts and may be forward looking. Such statements occur throughout this report and include statements with respect to the Transaction and the implementation of the Scheme, the proposed timing and various actions and other conditions contemplated in respect of the Transaction and the Scheme.

The forward-looking statements in this report are subject to numerous risks, uncertainties, estimates and assumptions, including risks relating to (a) Bidco's and Atlantica's ability to complete the Transaction on the proposed terms or on the anticipated timeline, or at all, the sanction of the Scheme by the High Court of Justice of England and Wales or the satisfaction of other closing conditions to consummate the Transaction; (b) the occurrence of any event, change or other circumstance that could give rise to the termination of the Transaction Agreement or any unanticipated difficulties or expenditures relating to the proposed Transaction; (c) risks related to diverting the attention of Atlantica's management from ongoing business operations; (d) failure to realize the expected benefits of the Transaction; (e) significant transaction costs and/or unknown or inestimable liabilities; (f) the risk of shareholder litigation in connection with the Transaction, including resulting expense or delay; (g) Bidco's ability to fund the cash required to consummate the Transaction; (h) risks related to future opportunities and plans for the Company, including the uncertainty of expected future regulatory filings, financial performance and results of the Company following completion of the Transaction; (i) disruption of currents plans and operations caused by the announcement of the proposed closing of the Transaction, making it more difficult to conduct business as usual or maintain relationships with current or future customers, employees or suppliers, financing sources, governmental authorities, and joint-venture partners; (j) effects relating to the announcement of the proposed closing of the Transaction or any further announcements or the consummation of the Transaction on the market price of Atlantica's shares and, if the Transaction is not completed, and the Company continues as a publicly-traded entity, risks that the announcement of the proposed Transaction and the dedication of substantial resources of the Company to the completion of the Transaction could have an impact on its business, strategic relationships, operating results and activities in general; (k) risk of having to pay the company termination fee pursuant to the terms of the Transaction Agreement; (l) regulatory initiatives and changes in tax laws that may impact the Transaction; (m) market volatility; and (n) other risks and uncertainties affecting Bidco and Atlantica and more. The inclusion of forward-looking statements should not be regarded as a representation that any transaction shall be consummated, including the Transaction or the payment of any dividend by the Company. Given these risks and uncertainties, you should not place undue reliance on forward-looking statements as a prediction of actual results. Accordingly, any such statements are qualified in their entirety by reference to, and are accompanied by, important factors included in "Part I-Item 3.D.-Risk Factors" in our Annual Report on Form 20-F for the year ended December 31, 2023 and in any subsequent reports on Form 6-K (in addition to any assumptions and other factors referred to specifically in connection with such forward-looking statements).

Any forward-looking statement speaks only as of the date on which such statement is made, and we undertake no obligation to update any forward-looking statement to reflect events or circumstances, including, but not limited to, unanticipated events, after the date on which such statement is made, unless otherwise required by law. New factors emerge from time to time, and it is not possible for management to predict all of these factors, nor can it assess the impact of each of these factors on the business or the extent to which any factor, or combination of factors, may cause actual results, performance or achievements, and the timing of events to differ materially from those contained or implied in any forward-looking statement.



About Atlantica

Atlantica Sustainable Infrastructure plc is a sustainable infrastructure company that owns a diversified portfolio of contracted renewable energy, storage, efficient natural gas, electric transmission and water assets in North & South America, and certain markets in EMEA (www.atlantica.com).

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