UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

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

For the month of August 2025 Commission File Number: 001-41870



Diversified Energy Company PLC

(Translation of registrant's name into English)
1600 Corporate Drive
Birmingham, Alabama 35242
(Address of principal executive office)

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 □

THIS REPORT ON FORM 6-K SHALL BE DEEMED TO BE INCORPORATED BY REFERENCE IN THE PROSPECTUS INCLUDED IN THE REGISTRATION STATEMENTS ON FORM S-8 (FILE NO. 333-276139 AND 333-287374) AND THE REGISTRATION STATEMENTS ON FORM F-3ASR (FILE NO. 333-284846 AND 333-287373) OF DIVERSIFIED ENERGY COMPANY PLC, AND, IN EACH CASE, TO BE A PART THEREOF FROM THE DATE ON WHICH THIS REPORT IS FURNISHED, TO THE EXTENT NOT SUPERSEDED BY DOCUMENTS OR REPORTS SUBSEQUENTLY FILED OR FURNISHED.

EXHIBIT INDEX

Exhibit
No.

Description

PNS Announcement dated August 13, 2025.

SIGNATURES

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

Diversified Energy Company plc

August 13, 2025 Date /s/ Bradley G. Gray Bradley G. Gray By:

President & Chief Financial Officer

Diversified Provides Board of Directors Update

Diversified Energy Company PLC (LSE: DEC, NYSE: DEC) announced today that, due to other commitments, Sandra Stash will resign from the Company's Board of Directors (the "Board") effective August 12, 2025. Ms. Stash, who has been a member of the board since 2019, is leaving the Board in good standing and on amiable terms. Upon her departure from the Board, it is expected that the current Board member and Independent Director, David Turner, will replace Ms. Stash as the Senior Independent Director. In addition, current Board and Sustainability Committee member Kathryn Klaber will be named chair of the Sustainability Committee, while current Board member, Martin Thomas, will replace Ms. Stash as a member of the Audit & Risk Committee. All appointments will take effect on August 12, 2025.

Diversified and its Nomination Committee remain committed to maintaining a high-quality, diverse board of directors that brings complementary experience to support its long-term goals.

David Johnson, Non-Executive Chairman of the Board, commented:

"On behalf of our Board and Diversified's management team, we thank Sandy for her service to the Company. We have valued and appreciated her insight and industry expertise. We wish her well in her future endeavors."

Ms. Stash stated:

"It has been an honor to work with Diversified's Board and executive management. Rusty and his team have done a tremendous job growing the Company, and I look forward to celebrating its continued success as a shareholder."

The Company is making this announcement pursuant to UK Listing Rule 6.4.6R.

For further information, please contact:

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About Diversified Energy Company PLC

Diversified is a leading publicly traded energy company focused on natural gas and liquids production, transport, marketing, and well retirement. Through our unique differentiated strategy, we acquire existing, long-life assets and invest in them to improve environmental and operational performance until retiring those assets in a safe and environmentally secure manner. Recognized by ratings agencies and organizations for our sustainability leadership, this solutions-oriented, stewardship approach makes Diversified the Right Company at the Right Time to responsibly produce energy, deliver reliable free cash flow, and generate shareholder value.