As filed with the Securities and Exchange Commission on November 16, 2026

Registration No. 333-158731
Registration No. 333-197627
Registration No. 333-262705
Registration No. 333-274843
Registration No. 333-274844

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 333-158731
POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 333-197627
POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 333-262705
POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 333-274843
POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 333-274844

UNDER
THE SECURITIES ACT OF 1933

NORTHWESTERN ENERGY GROUP, INC.

(Exact name of registrant as specified in its charter)

Delaware	**93-2020320**
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No)
3010 W. 69th Street **Sioux Falls, South Dakota** (Address of Principal Executive Offices)	**57108** (Zip Code)

NorthWestern Energy Employee Stock Purchase Plan
NorthWestern Energy Group, Inc. Amended and Restated Equity Compensation Plan

(Full title of the plans)

Timothy P. Olson
Corporate Secretary
NorthWestern Energy Group, Inc.
3010 W. 69th Street
Sioux Falls, South Dakota 57108
(Name and address of agent for service)
(605) 978-2900
(Telephone number, including area code, of agent for service)

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with copies to:

Robert Joseph, Esq.
Husch Blackwell LLP
120 S Riverside Plaza, Suite 2200
Chicago, Illinois 60606
Tel: 312.526.1536
Fax: 312.655.1501

Indicate by check mark if the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company, as defined in Rule 12b-2 of the Exchange Act:

Large accelerated filer ☒ Accelerated filer ☐

Non-accelerated filer ☐ (do not check if a smaller reporting company) Smaller reporting company ☐

EXPLANATORY NOTE

Deregistration of Securities

NorthWestern Energy Group, Inc. (the "Registrant") is filing this Post-Effective Amendment to the Registration Statements on Form S-8 listed below (collectively, the "Prior Registration Statements") because the Registrant is no longer issuing securities pursuant to the plans noted on the cover page of this Post-Effective Amendment and to deregister all securities of the Registrant that had been registered for issuance pursuant to the plans noted on the cover page of this Post-Effective Amendment on the Prior Registration Statements that remain unsold under such Prior Registration Statements:

1. File Number 333-158731 filed on April 23, 2009.
2. File Number 333-197627 filed on July 25, 2014.
3. File Number 333-262705 filed on February 14, 2022.
4. File Number 333-274843 filed on October 3, 2023.
5. File Number333-274844 filed on October 3, 2023.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Post-Effective Amendment to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Sioux Falls, State of South Dakota, on November 16, 2026.

NorthWestern Energy Group, Inc.

By /s/ Timothy P. Olson

Timothy P. Olson

Corporate Secretary

Note: No other person is required to sign this Post-Effective Amendment No. 1 to the Prior Registration Statements in reliance upon Rule 478 under the Securities Act of 1933, as amended.