
**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) May 14, 2026

Entergy Texas, Inc.
(Exact name of registrant as specified in its charter)

Texas
(State or other jurisdiction
of incorporation)

1-34360
(Commission
File Number)

61-1435798
(IRS Employer
Identification No.)

2107 Research Forest Drive, The Woodlands, Texas
(Address of principal executive offices)

77380
(Zip Code)

Registrant's telephone number, including area code (409) 981-2000

(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 (see General Instruction A.2. below):

- 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(b) of the Act:

Title of Class	Trading Symbol	Name of Each Exchange on Which Registered
5.375% Series A Preferred Stock, Cumulative, No Par Value (Liquidation Value \$25 Per Share)	ETI/PR	New York Stock Exchange

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 May 11, 2026, Entergy Texas, Inc. (the “Company”) entered into an Underwriting Agreement for the sale of \$425,000,000 aggregate principal amount of its First Mortgage Bonds, 5.20% Series due June 15, 2036 (the “Bonds”). The sale of the Bonds closed on May 14, 2026. The Bonds were offered pursuant to the Company’s Registration Statement on Form S-3 (File No. 333-289302-01), which became effective upon filing.

Item 9.01 Financial Statements and Exhibits.**(d) Exhibits.**

<u>Exhibit No.</u>	<u>Description of Exhibit</u>
4.74	Officer’s Certificate establishing the terms of the Bonds.
5.10	Opinion of Morgan, Lewis & Bockius LLP with respect to the Bonds.
5.11	Opinion of Husch Blackwell LLP with respect to the Bonds.
23.11	Consent of Morgan, Lewis & Bockius LLP with respect to its Opinion relating to the Bonds (included in Exhibit 5.10).
23.12	Consent of Husch Blackwell LLP with respect to its Opinion relating to the Bonds (included in Exhibit 5.11).
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 hereunto duly authorized.

Date: May 14, 2026

Entergy Texas, Inc.

(Registrant)

/s/ Barrett E. Green

(Signature)

Barrett E. Green
Vice President and Treasurer

ENTERGY TEXAS, INC.
OFFICER'S CERTIFICATE
26-B-19

Establishing the Form and Certain Terms of the
First Mortgage Bonds, 5.20% Series due June 15, 2036

**THIS INSTRUMENT GRANTS A SECURITY INTEREST
BY A UTILITY**

**THIS INSTRUMENT CONTAINS AFTER-ACQUIRED
PROPERTY PROVISIONS**

The undersigned, KEVIN J. MARINO, ASSISTANT TREASURER, an Authorized Officer of Entergy Texas, Inc., a Texas corporation (the "**Company**") (all capitalized terms used herein which are not defined herein or in Exhibit A hereto but are defined in the Indenture referred to below, shall have the meanings specified in such Indenture), pursuant to Board Resolutions dated August 29, 2008, and April 24, 2026 and Sections 201 and 301 of such Indenture, does hereby certify to THE BANK OF NEW YORK MELLON, as trustee (the "**Trustee**") under the Indenture, Deed of Trust and Security Agreement of the Company dated as of October 1, 2008, as heretofore amended and supplemented (the "**Indenture**"), as of May 11, 2026, that:

1. The Securities of the eighteenth series to be issued under the Indenture (the "**Bonds**") shall be issued in a series designated "First Mortgage Bonds, 5.20% Series due June 15, 2036"; the Bonds shall be in substantially the form set forth in Exhibit A hereto; the Bonds shall initially be issued in the aggregate principal amount of \$425,000,000; however, the aggregate principal amount of Bonds which may be authenticated and delivered under the Indenture is unlimited; and the Bonds issued on the original issue date and any additional Bonds issued thereafter shall be considered one and the same series of Securities under the Indenture; additional Bonds, without limitation as to amount, having substantially the same terms as the Outstanding Bonds (except for the issue date, the price to public and, if applicable, the initial Interest Payment Date) may be issued by the Company without notice to or the consent of the existing Holders of the Bonds;
2. The Bonds shall mature, and the principal shall be due and payable together with all accrued and unpaid interest thereon, on June 15, 2036, and the Company shall not have any right to extend the Maturity of the Bonds as contemplated by Section 301(d) of the Indenture;
3. The Bonds shall bear interest as provided in the form thereof set forth in Exhibit A hereto; the Interest Payment Dates for the Bonds shall be June 15 and December 15 of each year, commencing December 15, 2026;
4. Each installment of interest on the Bonds shall be payable as provided in the form thereof set forth in Exhibit A hereto; the Company shall not have any right to extend any interest payment periods for the Bonds as contemplated in Section 301(e) of the Indenture;
5. The principal of, premium, if any, and each installment of interest on the Bonds shall be payable, and registration of transfers and exchanges in respect of the Bonds may be effected, at the office or agency of the Company in The City of New York and as otherwise provided in the form of Bond set forth in Exhibit A hereto; and notices and demands to or upon the Company in respect of the Bonds may be served at the office or agency of the Company in The City of New York; the Corporate Trust Office of the Trustee will initially be the agency of the Company for such

payment, registration of transfers and exchanges and service of notices and demands, and the Company hereby appoints the Trustee as its agent for all such purposes; and the Trustee will initially be the Security Registrar and the Paying Agent for the Bonds; *provided, however*, that the Company reserves the right to change, by one or more Officer's Certificates, any such office or agency and such agent;

6. The Regular Record Dates for the interest payable on any given Interest Payment Date with respect to the Bonds shall be the close of business on the Business Day immediately preceding such Interest Payment Date;
7. The Bonds are subject to redemption as provided in the form thereof set forth in Exhibit A hereto;
8. No service charge shall be made for the registration of transfer or exchange of the Bonds; *provided, however*, that the Company may require payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection with the exchange or transfer;
9. The Bonds shall be issued initially in global form registered in the name of Cede & Co. (as nominee for The Depository Trust Company ("**DTC**")); *provided*, that the Company reserves the right to provide for another depository, registered as a clearing agency under the Exchange Act, to act as depository for the global Bonds (DTC and any such successor depository, the "**Depository**"); beneficial interests in Bonds issued in global form may not be exchanged in whole or in part for individual certificated Bonds in definitive form, and no transfer of a global Bond in whole or in part may be registered in the name of any Person other than the Depository or its nominee except that (i) if the Depository (A) has notified the Company that it is unwilling or unable to continue as depository for the global Bonds or (B) has ceased to be a clearing agency registered under the Exchange Act and, in either case, a successor depository for such global Bonds has not been appointed by the Company within ninety (90) days after the Company receives such notice or becomes aware of such condition, as the case may be or (ii) the Company executes and delivers to the Trustee an Officer's Certificate providing that the global Bonds shall be so exchangeable, in each case, the Company will execute, and the Trustee, upon receipt of a Company Order for the authentication and delivery of definitive Bonds, will authenticate and deliver Bonds in definitive certificated form in an aggregate principal amount equal to the principal amount of the global Bonds representing such Bonds in exchange for such global Bonds, such definitive Bonds to be registered in the names provided by the Depository; each global Bond (i) shall represent and shall be denominated in an amount equal to the aggregate principal amount of the outstanding Bonds to be represented by such global Bond, (ii) shall be registered in the name of the Depository or its nominee, (iii) shall be delivered by the Trustee to the Depository, its nominee, any custodian for the Depository or otherwise pursuant to the Depository's instruction and (iv) shall bear a legend restricting the transfer of such global Bond to any person other than the Depository or its nominee; none of the Company, the Trustee, any Paying Agent or any Authenticating Agent will have any responsibility or liability for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in a global Bond or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests; the Bonds in global form will contain restrictions on transfer, substantially as described in the form set forth in Exhibit A hereto;
10. None of the Trustee, the Security Registrar or the Company shall have any liability for any acts or omissions of the Depository, for any transfers of beneficial interests in the Bonds, for any Depository records of beneficial interests, for any transactions between the Depository and beneficial owners or in respect of any transfers effected by the Depository or by any participant members of the Depository or any beneficial owner of any interest in any Bonds held through any such participant member of the Depository;

-
11. If the Company shall make any deposit of money and/or Eligible Obligations with respect to any Bonds, or any portion of the principal amount thereof, as contemplated by Section 801 of the Indenture, the Company shall not deliver an Officer's Certificate described in clause (z) in the first paragraph of said Section 801 unless the Company shall also deliver to the Trustee, together with such Officer's Certificate, either:
 - (A) an instrument wherein the Company, notwithstanding the satisfaction and discharge of its indebtedness in respect of such Bonds, shall assume the obligation (which shall be absolute and unconditional) to irrevocably deposit with the Trustee or Paying Agent such additional sums of money, if any, or additional Eligible Obligations (meeting the requirements of Section 801), if any, or any combination thereof, at such time or times, as shall be necessary, together with the money and/or Eligible Obligations theretofore so deposited, to pay when due the principal of and premium, if any, and interest due and to become due on such Bonds or portions thereof, all in accordance with and subject to the provisions of said Section 801; *provided, however*, that such instrument may state that the obligation of the Company to make additional deposits as aforesaid shall be subject to the delivery to the Company by the Trustee of a notice asserting the deficiency with reasonable documentation supporting the assertion; or
 - (B) an Opinion of Counsel to the effect that, as a result of a change in law occurring after the date of this certificate, the Holders of such Bonds, or portions of the principal amount thereof, will not recognize income, gain or loss for United States federal income tax purposes as a result of the satisfaction and discharge of the Company's indebtedness in respect thereof and will be subject to United States federal income tax on the same amounts, at the same times and in the same manner as if such satisfaction and discharge had not been effected;
 12. The Eligible Obligations with respect to the Bonds shall be Government Obligations;
 13. The Bonds shall have such other terms and provisions as are provided in the form set forth in Exhibit A hereto;
 14. No Event of Default under the Indenture has occurred or is occurring;
 15. The undersigned has read all of the covenants and conditions contained in the Indenture, and the definitions in the Indenture relating thereto, relating to the issuance and authentication and delivery of the Bonds and in respect of compliance with which this certificate is made;
 16. The statements contained in this certificate are based upon the familiarity of the undersigned with the Indenture, the documents accompanying this certificate, and discussions by the undersigned with officers and employees of the Company familiar with the matters set forth herein;
 17. In the opinion of the undersigned, the undersigned has made such examination or investigation as is necessary to enable the undersigned to express an informed opinion as to whether or not such covenants and conditions have been complied with; and
 18. In the opinion of the undersigned, such conditions and covenants, and all conditions precedent provided for in the Indenture (including any covenants compliance with which constitutes a condition precedent) relating to the authentication and delivery of the Bonds requested in the accompanying Company Order have been complied with.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, I have executed this Officer's Certificate as of the date set forth above.

By: /s/ Kevin J. Marino

Name: Kevin J. Marino

Title: Assistant Treasurer

[FORM OF BOND]

[Unless this certificate is presented by an authorized representative of The Depository Trust Company, a New York corporation (“*DTC*”), to Entergy Texas, Inc., or its agent for registration of transfer, exchange, or payment, and any certificate issued is registered in the name of Cede & Co. or in such other name as is requested by an authorized representative of DTC (and any payment is made to Cede & Co. or to such other entity as is requested by an authorized representative of DTC), ANY TRANSFER, PLEDGE, OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL inasmuch as the registered owner hereof, Cede & Co., has an interest herein.]

No. ____

CUSIP No. 29365T AR5

STATED MATURITY: June 15, 2036

PRINCIPAL AMOUNT: _____

ENTERGY TEXAS, INC.

FIRST MORTGAGE BONDS, 5.20% SERIES DUE JUNE 15, 2036

ENTERGY TEXAS, INC., a corporation duly organized and existing under the laws of the State of Texas (herein referred to as the “*Company*,” which term includes any successor Person under the Indenture referred to below), for value received, hereby promises to pay to

or registered assigns, the principal amount specified above on the Stated Maturity set forth above and to pay interest on the unpaid principal hereof from and including May 14, 2026 or from and including the most recent interest payment date to which interest has been paid or duly provided for semiannually on June 15 and December 15 of each year, commencing December 15, 2026, and on the Stated Maturity (each, an “*Interest Payment Date*”), at the rate of 5.20% per annum (the “*Interest Rate*”) to but excluding the date on which the principal hereof is paid or made available for payment. In the event that any Interest Payment Date is not a Business Day (as defined below), then payment of interest payable on such date will be made on the next succeeding day which is a Business Day (and without any interest or other payment in respect of such delay) with the same force and effect as if made on the Interest Payment Date. The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date will, as provided in such Indenture, be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on the Business Day immediately preceding such Interest Payment Date (each a “*Regular Record Date*”), except that interest payable at Maturity will be payable to the Person to whom principal shall be paid. Any such interest not so punctually paid or duly provided for will forthwith cease to be payable to the Holder on such Regular Record Date and may either be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on a Special Record Date for the payment of such Defaulted Interest to be fixed by the Trustee, notice whereof shall be given to Holders of Securities of this series not less than 10 days prior to such Special Record Date, or be paid at any time in any other lawful manner not inconsistent with the requirements of any securities exchange on which the Securities of this series may be listed, and upon such notice as may be required by such exchange, all as more fully provided in the Indenture referred to herein. The Company shall pay interest on such Defaulted Interest (to the extent that payment thereof is enforceable under the applicable law) at the Interest Rate.

Payment of the principal of and premium, if any, and interest at Maturity on this Security shall be made upon presentation of this Security at the office or agency of the Company maintained for that purpose in The City of New York, in the State of New York, in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts; *provided, however*, that, at the option of the Company, interest on this Security (other than interest payable at Maturity) may be paid by check mailed to the address of the person entitled thereto, as such address shall appear on the Security Register, and *provided, further*, that if such person is a securities depository, such payment may be made by such other means in lieu of check as shall be agreed upon by the Company, the Trustee and such person.

All terms used in this Security not otherwise defined herein which are defined in the Indenture shall have the meanings assigned to them in the Indenture and in the Officer's Certificate establishing the terms of the Securities of this series (the "***Series Officer's Certificate***"). "***Business Day***" means any day other than a Saturday or a Sunday or a day on which banking institutions in The City of New York are authorized or required by law or executive order to remain closed or a day on which the corporate trust office of the Trustee is closed for business.

This Security is one of a duly authorized issue of securities of the Company (herein called the "***Securities***"), issued and to be issued in one or more series under an Indenture, Deed of Trust and Security Agreement, dated as of October 1, 2008 (herein, together with any amendments or supplements thereto, called the "***Indenture***," which term shall have the meaning assigned to it in such instrument), between the Company and The Bank of New York Mellon, as trustee (herein called the "***Trustee***," which term includes any successor trustee under the Indenture), and reference is hereby made to the Indenture, for a statement of the property mortgaged, pledged and held in trust, the nature and extent of the security, the conditions upon which the Lien of the Indenture may be released and to the Indenture, Board Resolutions and Series Officer's Certificate creating the series designated on the face hereof, for a statement of the respective rights, limitations of rights, duties and immunities thereunder of the Company, the Trustee and the Holders of the Securities and of the terms upon which the Securities are, and are to be, authenticated and delivered. The acceptance of this Security shall be deemed to constitute the consent and agreement by the Holder thereof to all of the terms and provisions of the Indenture. This Security is one of the series designated on the face hereof.

Prior to March 15, 2036 (the "***Par Call Date***"), the Securities of this series will be redeemable at the option of the Company, in whole or in part, on not less than 10 days' notice prior to the date fixed for redemption (each an "***Optional Redemption Date***"), at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) (an "***Optional Redemption Price***") equal to the greater of:

- (1) (a) the sum of the present values of the remaining scheduled payments of principal of the Securities of this series being redeemed and interest thereon discounted to the Optional Redemption Date (assuming the Securities of this series matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 15 basis points less (b) interest accrued on the Securities of this series being redeemed to, but not including, the Optional Redemption Date, and
- (2) 100% of the principal amount of the Securities of this series being redeemed,

plus, in either case, accrued and unpaid interest on the Securities of this series being redeemed to, but not including, the Optional Redemption Date.

On or after the Par Call Date, the Securities of this series will be redeemable at the option of the Company, in whole or in part, on not less than 10 days' notice prior to the Optional Redemption Date, at any time and from time to time, at an Optional Redemption Price equal to 100% of the principal amount of the Securities of this series being redeemed plus accrued and unpaid interest thereon to, but not including, the Optional Redemption Date.

“**Treasury Rate**” means, with respect to any Optional Redemption Date, the yield determined by the Company in accordance with the following two paragraphs.

The Treasury Rate shall be determined by the Company after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third Business Day preceding the Optional Redemption Date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as “Selected Interest Rates (Daily) - H.15” (or any successor designation or publication) (“**H.15**”) under the caption “U.S. government securities–Treasury constant maturities–Nominal” (or any successor caption or heading) (“**H.15 TCM**”). In determining the Treasury Rate, the Company shall select, as applicable:

- (1) the yield for the Treasury constant maturity on H.15 exactly equal to the period from the Optional Redemption Date to the Par Call Date (the “**Remaining Life**”); or
- (2) if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields – one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life – and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- (3) if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life.

For purposes of this paragraph, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the Optional Redemption Date.

If on the third Business Day preceding the Optional Redemption Date H.15 TCM is no longer published, or, if published, no longer contains the yields for nominal Treasury constant maturities, the Company shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second Business Day preceding such Optional Redemption Date as follows:

- (1) the Company shall select (a) the United States Treasury security maturing on the Par Call Date, subject to clause (3) below, or (b) if there is no United States Treasury security maturing on the Par Call Date, then the United States Treasury security with the maturity date that is closest to the Par Call Date, subject to clauses (2) and (3) below, as applicable; or
- (2) if there is no United States Treasury security described in clause (1), but there are two or more United States Treasury securities with maturity dates equally distant from the Par Call Date, one or more with maturity dates preceding the Par Call Date and one or more with maturity dates following the Par Call Date, the Company shall select the United States Treasury security with a maturity date preceding and closest to the Par Call Date, subject to clause (3) below; or

-
- (3) if there are two or more United States Treasury securities meeting the criteria of the preceding clauses (1) or (2), the Company shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time.

In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices of such United States Treasury security (expressed as a percentage of principal amount and rounded to three decimal places) at 11:00 a.m., New York City time.

The Company's actions and determinations in determining the Optional Redemption Price shall be conclusive and binding for all purposes, absent manifest error.

The Securities of this series shall also be redeemable if a Tax Credit Event occurs with respect to the Securities of this series, at the option of the Company at any time, upon not less than 10 days' notice prior to the date fixed for redemption, in whole but not in part, at a redemption price equal to 101% of the principal amount of the Securities of this series plus accrued and unpaid interest thereon, if any, to but not including the date fixed for redemption. A notice of redemption of the Securities of this series upon the occurrence of a Tax Credit Event (1) may only be sent by the later of (a) the end of the calendar year in which the Securities of this series were issued and (b) six months from the date of issuance of the Securities of this series and (2) shall be accompanied by a certificate of an officer of the Company stating that a Tax Credit Event has occurred.

A "***Tax Credit Event***" occurs with respect to the Securities of this series, if, in the reasonable determination of the Company, there exists a material risk, due to the Securities of this series (considered together with other debt) having been issued, as part of an original issuance, to one or more "specified foreign entities," as defined in Section 7701(a)(51)(B) of the Internal Revenue Code of 1986, as amended (the "***Code***"), that the Company or any of its affiliates would be unable to utilize or otherwise ineligible to claim any tax credits otherwise allowed under Section 38 of the Code.

Notice of redemption (other than at the option of the Holder) shall be given by mail to Holders of Securities all as provided in the Indenture. As provided in the Indenture, notice of redemption at the election of the Company as aforesaid may state that such redemption shall be conditional upon the receipt by the applicable Paying Agent or Agents of money sufficient to pay the principal of and premium, if any, and interest, if any, on this Security on or prior to the date fixed for such redemption; a notice of redemption so conditioned shall be of no force or effect if such money is not so received and, in such event, the Company shall not be required to redeem this Security.

In the event of redemption of this Security in part only, a new Security or Securities of this series of like tenor representing the unredeemed portion hereof shall be issued in the name of the Holder hereof upon the cancellation hereof.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Security upon compliance with certain conditions set forth in the Indenture and the Series Officer's Certificate.

If an Event of Default with respect to Securities of this series shall occur and be continuing, the principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture.

The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company and the rights of the Holders of the Securities of this series at any time by the Company and the Trustee with the consent of the Holders of a majority in aggregate principal amount of the Securities of all series at the time Outstanding to be directly affected thereby. The Indenture also contains provisions permitting the Holders of specified percentages in principal amount of the Securities of each series at the time Outstanding, on behalf of the Holders of all Securities of such series, to waive compliance by the Company with certain provisions of the Indenture and certain past defaults under the Indenture and their consequences. Any such consent or waiver by the Holder of this Security shall be conclusive and binding upon such Holder and upon all future Holders of this Security and of any Security issued upon the registration of transfer hereof or in exchange herefor or in lieu hereof, whether or not notation of such consent or waiver is made upon this Security.

As provided in and subject to the provisions of the Indenture, the Holder of this Security shall not have the right to institute any proceeding with respect to the Indenture or the Securities or for the appointment of a receiver or trustee or for any other remedy under or with respect to the Indenture or the Securities, unless such Holder shall have previously given the Trustee written notice of a continuing Event of Default with respect to the Securities of this series, the Holders of a majority in aggregate principal amount of the Securities of all series at the time Outstanding in respect of which an Event of Default shall have occurred and be continuing shall have made written request to the Trustee to institute proceedings in respect of such Event of Default in its own name as the Trustee and offered the Trustee reasonable indemnity, and the Trustee shall not have received from the Holders of a majority in aggregate principal amount of Securities of all series at the time Outstanding in respect of which an Event of Default shall have occurred and be continuing a direction inconsistent with such request, and shall have failed to institute any such proceeding for 60 days after receipt of such notice, request and offer of indemnity. The foregoing shall not apply to any suit instituted by the Holder of this Security for the enforcement of any payment of principal hereof or any premium or interest hereon on or after the respective due dates expressed herein.

No reference herein to the Indenture and no provision of this Security or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and any premium and interest on this Security at the times, place and rate, and in the coin or currency, herein prescribed.

The Securities of this series are issuable only in registered form without coupons in denominations of \$1,000 and integral multiples of \$1,000 in excess thereof. As provided in the Indenture and subject to certain limitations therein and herein set forth, Securities of this series are exchangeable for Securities of this series, of authorized denominations and of like tenor and aggregate principal amount, as requested by the Holder surrendering the same.

No service charge shall be made for any such registration of transfer or exchange, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection therewith.

The Company shall not be required to execute, and the Security Registrar shall not be required to register, the transfer of or exchange of (a) Securities of this series during a period of 15 days immediately preceding the date notice is to be given identifying the serial numbers of the Securities of this series called for redemption, (b) any Security during the 15 days before an Interest Payment Date, or (c) any Security so selected for redemption in whole or in part, except the unredeemed portion of any Security being redeemed in part.

The Company, the Trustee and any agent of the Company or the Trustee may treat the Person in whose name this Security is registered as the absolute owner hereof for all purposes, whether or not this Security be overdue, and neither the Company, the Trustee nor any such agent shall be affected by notice to the contrary.

This Security shall be governed by and construed in accordance with the laws of the State of New York (including without limitation Section 5-1401 of the New York General Obligations Law or any successor to such statute), except to the extent that the Trust Indenture Act shall be applicable.

As provided in the Indenture, no recourse shall be had for the payment of the principal of or premium, if any, or interest on any Securities, or any part thereof, or for any claim based thereon or otherwise in respect thereof, or of the indebtedness represented thereby, or upon any obligation, covenant or agreement under the Indenture, against, and no personal liability whatsoever shall attach to, or be incurred by, any incorporator, shareholder, member, limited partner, officer, manager or director, as such, past, present or future of the Company or of any predecessor or successor of the Company (either directly or through the Company or a predecessor or successor of the Company), whether by virtue of any constitutional provision, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise; it being expressly agreed and understood that the Indenture and all the Securities are solely corporate obligations and that any such personal liability is hereby expressly waived and released as a condition of, and as part of the consideration for, the execution of the Indenture and the issuance of the Securities.

Unless the certificate of authentication hereon has been executed by the Trustee referred to herein by manual signature, this Security shall not be entitled to any benefit under the Indenture or be valid or obligatory for any purpose.

IN WITNESS WHEREOF, the Company has caused this instrument to be duly executed.

ENERGY TEXAS, INC.

By: _____

Name:

Title:

[FORM OF CERTIFICATE OF AUTHENTICATION]

CERTIFICATE OF AUTHENTICATION

This is one of the Securities of the series designated therein referred to in the within-mentioned Indenture.

Dated:

THE BANK OF NEW YORK MELLON, as Trustee

By: _____

Authorized Signatory

A-7

Morgan Lewis

May 14, 2026

Entergy Texas, Inc.
2107 Research Forest Drive
The Woodlands, Texas 77380

Ladies and Gentlemen:

We have acted as counsel for Entergy Texas, Inc., a Texas corporation (the "**Company**"), in connection with the Registration Statement on Form S-3 (File No. 333-289302-01) (the "**Registration Statement**"), relating to, among other things, the offer and sale of \$425,000,000 in aggregate principal amount of the Company's First Mortgage Bonds, 5.20% Series due June 15, 2036 (the "**Bonds**"). The Bonds have been issued pursuant to the Company's Indenture, Deed of Trust and Security Agreement, dated as of October 1, 2008, with The Bank of New York Mellon, as trustee (the "**Trustee**") (the Indenture, Deed of Trust and Security Agreement as amended and supplemented, including by the officer's certificate dated as of May 11, 2026 establishing the terms of the Bonds, being hereinafter referred to as the "**Mortgage**").

In our capacity as such counsel, we have examined the Registration Statement and the Mortgage, which has been filed with the Securities and Exchange Commission as an exhibit to the Registration Statement. As to questions of fact material to the opinions expressed herein, we have relied upon representations and certifications of officers of the Company and appropriate public officials without independent verification of such matters except as otherwise described herein. We have also examined or caused to be examined such other documents and have satisfied ourselves as to such other matters as we have deemed necessary in order to render this opinion. In such examination, we have assumed the genuineness of all signatures, the legal capacity of all natural persons, the authenticity of all documents submitted to us as originals, and the conformity to the originals of the documents submitted to us as certified, facsimile or electronic copies and the authenticity of the originals of such latter documents, and the enforceability of all documents submitted to us against parties other than the Company. We have also assumed that there has been no oral or written modification of or amendment to any of the documents we have reviewed, and that there has been no waiver of any provision of any of such documents, by action or omission of the parties or otherwise. Furthermore, we have not examined the Bonds, except a specimen thereof, and we have relied upon a certificate of the Trustee as to the authentication and delivery thereof.

Morgan, Lewis & Bockius LLP

101 Park Avenue
New York, NY 10178-0060
United States

T +1.212.309.6000
F +1.212.309.6001

Subject to the foregoing and to the further exceptions and qualifications set forth below, we are of the opinion that the Bonds are binding obligations of the Company.

This opinion is limited to the laws of the State of New York and the federal laws of the United States of America. To the extent that this opinion relates to or is dependent upon matters governed by the laws of the State of Texas, we have relied upon the opinion of even date herewith addressed to you of Husch Blackwell LLP, subject to the assumptions therein, which opinion is being filed as Exhibit 5.11 to a Current Report on Form 8-K, which will be incorporated by reference into the Registration Statement. As to all matters of the laws of the State of New York, Husch Blackwell LLP is authorized to rely on this opinion as if it were addressed to them.

We further note that the binding nature of the Company's obligations with respect to the Bonds may be limited by (a) applicable bankruptcy, insolvency, fraudulent conveyance, receivership, fraudulent transfer, preference, moratorium, reorganization or other similar laws affecting enforcement of mortgagees' and other creditors' rights and by general equitable principles (whether considered in a proceeding in equity or at law) and principles of public policy, including the possible unavailability of specific performance or injunctive relief, and (b) concepts of materiality, reasonableness, good faith and fair dealing and by the discretion of the court before which any proceeding therefor may be brought.

This opinion is rendered as of the date hereof, and we disclaim any obligation to advise you of facts, circumstances, events or developments that hereafter may be brought to our attention and that may alter, affect or modify the opinions expressed herein.

We hereby consent to the filing of this opinion as Exhibit 5.10 to a Current Report on Form 8-K, which will be incorporated by reference into the Registration Statement, and to the references to our firm, as counsel, in the Registration Statement under the caption "Legality." In giving the foregoing consents, we do not admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act of 1933, as amended, or the rules and regulations promulgated thereunder.

Very truly yours,

/s/ Morgan, Lewis & Bockius LLP

[Husch Blackwell LLP letterhead]

May 14, 2026

Entergy Texas, Inc.
2107 Research Forest Drive
The Woodlands, Texas 77380

Ladies and Gentlemen:

We have acted as local Texas counsel for Entergy Texas, Inc., a Texas corporation (the "Company"), in connection with the offer and sale by the Company (the "Offering") of \$425,000,000 in aggregate principal amount of the Company's First Mortgage Bonds, 5.20% Series due June 15, 2036 (the "Bonds"), by means of a prospectus supplement dated May 11, 2026 (the "Prospectus Supplement"), which supplements the prospectus dated August 6, 2025 (such prospectus, collectively with the Prospectus Supplement, the "Prospectus") contained in the registration statement on Form S-3, Registration No. 333-289302-01 (the "Registration Statement"), filed by the Company with the Securities and Exchange Commission ("SEC"). The Bonds have been issued pursuant to the Company's Indenture, Deed of Trust and Security Agreement, dated as of October 1, 2008, between the Company and The Bank of New York Mellon, as trustee, (the "Trustee") (the Indenture, Deed of Trust and Security Agreement, as amended and supplemented, including by the officer's certificate dated as of May 11, 2026 establishing the terms of the Bonds, being hereinafter referred to as the "Mortgage"), and will be sold to the underwriters under the Underwriting Agreement dated May 11, 2026 (the "Underwriting Agreement") among the Company and BNP Paribas Securities Corp., BNY Mellon Capital Markets, LLC, KeyBanc Capital Markets Inc., MUFG Securities Americas Inc., Regions Securities LLC, and R. Seelaus & Co., LLC.

We, as your special Texas counsel, have examined originals or copies of (i) the Registration Statement, (ii) the Amended and Restated Certificate of Formation of the Company, (iii) the Amended and Restated Company Agreement of the Company (the "Company Agreement"), (iv) a statement of Franchise Tax Account Status dated as of May 5, 2026 obtained through the website of the Office of the Comptroller of Public Accounts of Texas, which statement expressly states that, as of the date thereof, the right of the Company to transact business in Texas is "active", (v) the Underwriting Agreement, (vi) the Mortgage, which has been (or will be) filed with the Securities and Exchange Commission as an exhibit to the Registration Statement, and (vii) the records of various actions previously taken by the Company's Board of Directors relating to the authorization, issuance and sale of the Bonds by the Company and the execution and delivery by the Company of the officer's certificate establishing the terms of the Bonds ("Corporate Proceedings"), and certifications of the Corporate Proceedings taken to date by the Company in connection with the Offering in a

certificate dated as of even date herewith. As to questions of fact material to the opinions expressed herein, we have relied upon representations and certifications of officers of the Company and appropriate public officials without independent verification of such matters except as otherwise described herein. We have also examined originals or copies, certified or otherwise identified to our satisfaction, of such documents, corporate records, certificates of public officials, and other instruments as we have deemed necessary for the purposes of rendering this opinion. In such examination, we have assumed the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to the originals of the documents submitted to us as certified, facsimile or electronic copies and the authenticity of the originals of such latter documents and the enforceability of all documents submitted to us against parties other than the Company. We have also assumed that there has been no oral or written modification of or amendment to any of the documents we have reviewed, that there has been no waiver of any provision of any of such documents, by action or omission of the parties or otherwise, and that the Bonds will be issued and sold in compliance with applicable federal and state securities laws and in the manner stated in the Registration Statement and the Prospectus. Furthermore, we have not examined the Bonds, except a specimen thereof, and we have relied upon a certificate of the Trustee as to the authentication and delivery thereof.

Subject to the qualifications hereinafter expressed, we are of the following opinion:

The Bonds are binding obligations of the Company, subject to (i) applicable bankruptcy, insolvency, usury, fraudulent conveyance, receivership, fraudulent transfer, preference, moratorium, reorganization or other similar laws affecting enforcement of mortgagees' and other creditors' rights and by general equitable principles (whether considered in a proceeding in equity or at law), including the possible unavailability of specific performance or injunctive relief, and (ii) concepts of materiality, reasonableness, good faith and fair dealing and the discretion of the court before which any proceeding therefor may be brought.

This opinion is limited to the laws of the State of Texas. To the extent that this opinion relates to or is dependent upon matters governed by the laws of the State of New York or the federal laws of the United States of America, we have relied upon the opinion of even date herewith addressed to you by Morgan, Lewis & Bockius LLP, subject to the assumptions therein, which opinion is being filed as Exhibit 5.10 to the Registration Statement. We express no opinion with respect to those matters herein, and to the extent elements of that opinion are necessary to the conclusions expressed herein, we have, with your consent, assumed such matters. As to all matters of the laws of the State of Texas, Morgan, Lewis & Bockius LLP is authorized to rely on this opinion as if it were addressed to them.

We express no opinion as to the effects, if any, of the federal securities laws and regulations, the "blue sky" laws of the State of Texas and the "blue sky" laws of other states, or federal tax laws, rules or regulations. We express no opinion except as explicitly provided herein, and our opinions are expressed as of the date hereof and are based, in each case, upon existing laws and regulations effective as of the date hereof and assume the application of such laws and regulations to events that may occur after the date of this letter. We undertake no obligation (a) to advise you of changes that may come to our attention or that become effective after the date hereof or (b) to withdraw, reissue, or supplement the opinions expressed herein as a result of any subsequent change to relevant facts or applicable law or any discovery by us that any assumption or factual conclusion set forth in this letter was incorrect as of the date hereof.

This opinion letter is rendered as of the date hereof, and we disclaim any obligation to advise you of facts, circumstances, events or developments that hereafter may be brought to our attention and that may alter, affect or modify the opinions expressed herein.

We hereby consent to the filing of this opinion as Exhibit 5.11 to a Current Report on Form 8-K, which will be incorporated by reference into the Registration Statement and to the references to our firm, as Texas counsel, in the Registration Statement under the caption "Legality." In giving the foregoing consent, we do not admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act of 1933, as amended, or the rules and regulations promulgated thereunder.

This opinion is rendered to you solely in connection with the above-described matters. This opinion may not be relied on by you for any other purpose or relied on or furnished to any other person without our prior written consent.

Very truly yours,

/s/ Husch Blackwell LLP

HUSCH BLACKWELL LLP