

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

FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2005

— OR —

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission File Number 1-12833

TXU Corp.

(Exact name of registrant as specified in its charter)

Texas
(State or other jurisdiction of incorporation or organization)

75-2669310
(I.R.S. Employer Identification No.)

1601 Bryan Street Dallas, TX 75201-3411
(Address of principal executive offices)(Zip Code)

(214) 812-4600
(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Registrant
TXU Corp.

Title of Each Class
Common Stock, without par value

Income Prides (Equity-linked)

Name of Each Exchange on
Which Registered
New York Stock Exchange
The Chicago Stock Exchange
The Pacific Exchange
New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer Non-Accelerated filer

Indicate by check mark if the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act.). Yes No

Aggregate market value of TXU Corp. Common Stock held by non-affiliates, based on the last reported sale price on the New York Stock Exchange composite tape on June 30, 2005, the last business day of the registrant's most recently completed second fiscal quarter: \$19,813,773,762

Common Stock outstanding at March 1, 2006: 462,763,963 shares, without par value

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the definitive proxy statement pursuant to Regulation 14A, to be filed with the Securities Exchange Commission on or about April 5, 2006, are incorporated by reference into Part III of this report.

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Note for Annual Report to Shareholders – This Annual Report on Form 10-K for the year ended December 31, 2005, except for Appendix B, is being included in its entirety in TXU Corp.’s 2005 annual report to shareholders in accordance with Regulation 14A of the proxy rules. Copies of Appendix B will be provided upon written request.

Periodic reports on Form 10-K and Form 10-Q and current reports on Form 8-K that contain financial information of TXU Corp. are made available to the public, free of charge, on the TXU Corp. website at <http://www.txucorp.com>, shortly after they have been filed with the Securities and Exchange Commission. TXU Corp. will provide copies of current reports not posted on the website upon request. The information on TXU Corp.’s website shall not be deemed a part of, or incorporated by reference into, this report on Form 10-K. In addition, in accordance with corporate governance rules of the New York Stock Exchange, TXU Corp. has provided, on the TXU Corp. website, (a) its corporate governance guidelines, (b) its code of conduct for employees, officers and directors, and (c) charters of the Committees of the board of directors including the Audit, Nominating and Governance and Organization and Compensation Committees. Printed copies of corporate governance documents which are posted on the TXU Corp. website are also available to any shareholder upon request to the Secretary of TXU Corp., 1601 Bryan Street, Dallas, Texas 75201-3411.

GLOSSARY

When the following terms and abbreviations appear in the text of this report, they have the meanings indicated below.

1999 Restructuring Legislation	legislation that restructured the electric utility industry in Texas to provide for retail competition
2004 Form 10-K/A	TXU Corp.'s Annual Report on Form 10-K, as amended, for the year ended December 31, 2004
IRC 401(h)	Section 401(h) Retiree Medical Benefits of the Internal Revenue Code
APB 25	Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees"
Bcf	billion cubic feet
Bloomberg	Bloomberg L. P., a financial information network
Capgemini	Capgemini Energy LP, a subsidiary of Cap Gemini North America Inc. that provides business support services to TXU Corp.
Commission	Public Utility Commission of Texas
EITF	Emerging Issues Task Force
EITF 98-10	EITF Issue No. 98-10, "Accounting for Contracts Involved in Energy Trading and Risk Management Activities"
EITF 02-3	EITF Issue No. 02-3, "Issues Involved in Accounting for Derivative Contracts Held for Trading Purposes and Contracts Involved in Energy Trading and Risk Management Activities"
EPA	Environmental Protection Agency
ERCOT	Electric Reliability Council of Texas, the Independent System Operator and the regional reliability coordinator of the various electricity systems within Texas
ERISA	Employee Retirement Income Security Act
FASB	Financial Accounting Standards Board, the designated organization in the private sector for establishing standards for financial accounting and reporting
FERC	Federal Energy Regulatory Commission
FIN	Financial Accounting Standards Board Interpretation
FIN 46R	FIN No. 46 (Revised 2003), "Consolidation of Variable Interest Entities"
FIN 47	FIN No. 47, "Accounting for Conditional Asset Retirement Obligations — An Interpretation of FASB Statement No. 143"
Fitch	Fitch Ratings, Ltd. (a credit rating agency)
FSP	FASB Staff Position (interpretations of standards issued by the staff of the FASB)
FSP 106-1	FSP 106-1, "Accounting and Disclosure Requirements Related to the Medicare Prescription Drug, Improvement and Modernization Act of 2003"
FSP 106-2	FSP 106-2, "Accounting and Disclosure Requirements Related to the Medicare Prescription Drug, Improvement and Modernization Act of 2003"
GW	gigawatts
GWh	gigawatt-hours

historical service territory	the territory, largely in north Texas, being served by TXU Corp.'s regulated electric utility subsidiary at the time of entering retail competition on January 1, 2002
IRS	Internal Revenue Service
kV	kilovolts
kWh	kilowatt-hours
market heat rate	a measure of the price offer of the marginal supplier (generally gas plants) in converting a fuel source to electricity. Market heat rate is calculated by dividing the wholesale market price of power by the market price of natural gas.
MMBtu	million British thermal units
Moody's	Moody's Investors Services, Inc. (a credit rating agency)
MW	megawatts
MWh	megawatt-hours
NRC	United States Nuclear Regulatory Commission
POLR	provider of last resort of electricity to certain customers under the Commission rules interpreting the 1999 Restructuring Legislation
price-to-beat rate	residential and small business customer electricity rates established by the Commission that (i) were required to be charged in a REP's historical service territories until the earlier of January 1, 2005 or the date when 40% of the electricity consumed by such customer classes is supplied by competing REPs, adjusted periodically for changes in fuel costs, and (ii) are required to be made available to those customers until January 1, 2007
PURA	Texas Public Utility Regulatory Act
REP	retail electric provider
S&P	Standard & Poor's, a division of the McGraw Hill Companies (a credit rating agency)
SEC	United States Securities and Exchange Commission
Settlement Plan	regulatory settlement plan that received final approval by the Commission in January 2003
SFAS	Statement of Financial Accounting Standards issued by the FASB
SFAS 5	SFAS No. 5, "Accounting for Contingencies"
SFAS 34	SFAS No. 34, "Capitalization of Interest Cost"
SFAS 71	SFAS No. 71, "Accounting for the Effect of Certain Types of Regulation"
SFAS 87	SFAS No. 87, "Employers' Accounting for Pensions"
SFAS 106	SFAS No. 106, "Employers' Accounting for Postretirement Benefits Other Than Pensions"
SFAS 109	SFAS No. 109, "Accounting for Income Taxes"
SFAS 123	SFAS No. 123, "Accounting for Stock-Based Compensation"
SFAS 123R	SFAS No. 123 (revised 2004), "Share-Based Payment"
SFAS 133	SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities"
SFAS 140	SFAS No. 140, "Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities, a replacement of FASB Statement 125"

SFAS 142	SFAS No. 142, “Goodwill and Other Intangible Assets”
SFAS 143	SFAS No. 143, “Accounting for Asset Retirement Obligations”
SFAS 144	SFAS No. 144, “Accounting for the Impairment or Disposal of Long-Lived Assets”
SG&A	selling, general and administrative
TCEQ	Texas Commission on Environmental Quality
TXU Australia	refers to TXU Australia Group Pty Ltd, a former subsidiary of TXU Corp., and/or its consolidated subsidiaries, depending on context
TXU Corp.	refers to TXU Corp., a holding company, and/or its consolidated subsidiaries, depending on context
TXU Electric Delivery	refers to TXU Electric Delivery Company, a subsidiary of TXU Corp., and/or its consolidated bankruptcy remote financing subsidiary, TXU Electric Delivery Transition Bond Company LLC, depending on context
TXU Energy Holdings	refers to TXU Energy Company LLC, a subsidiary of TXU Corp., and/or its consolidated subsidiaries, depending on context
TXU Europe	TXU Europe Limited, a former subsidiary of TXU Corp.
TXU Fuel	TXU Fuel Company, a former subsidiary of TXU Energy Holdings
TXU Gas	TXU Gas Company, a former subsidiary of TXU Corp.
TXU Mining	TXU Mining Company LP, a subsidiary of TXU Energy Holdings
TXU Portfolio Management	TXU Portfolio Management Company LP, a subsidiary of TXU Energy Holdings
US	United States of America
US GAAP	accounting principles generally accepted in the US
US Holdings	TXU US Holdings Company, a subsidiary of TXU Corp.
VEBA	refers to voluntary employees’ beneficiary association