DTE ENERGY CO Form FWP May 23, 2016

Filed Pursuant to Rule 433

Registration No. 333-210556

Free Writing Prospectus dated May 23, 2016

PRICING TERM SHEET

Issuer: DTE Energy Company

Security: 2016 Series B 5.375% Junior Subordinated Debentures due 2076 (the Junior

Subordinated Debentures)

Format: SEC Registered

Size: \$300,000,000

Over-allotment Option: None

Maturity Date: June 1, 2076

Coupon: 5.375%

Interest Payment Dates: March 1, June 1, September 1, and December 1 commencing on September 1, 2016

Interest Deferral: Up to 40 consecutive quarters; deferred interest will accrue and compound quarterly at

an annual rate of 5.375%, as permitted by law

Price to Public: \$25.00

Par Call: At any time, in whole or from time to time in part, on or after June 1, 2021, at 100% plus

accrued and unpaid interest to but excluding the redemption date

Tax Event Call: At any time prior to June 1, 2021, in whole but not in part, at 100% plus accrued and

unpaid interest to but excluding the redemption date

Rating Agency Call: At any time prior to June 1, 2021, in whole but not in part, at 102% plus accrued and

unpaid interest to but excluding the redemption date

Trade Date: May 23, 2016

Settlement Date: T+4; May 27, 2016

Expected Listing: NYSE

CUSIP / ISIN: 233331 800 / US2333318002

Denominations: \$25.00 and integral multiples thereof

Anticipated Ratings*: Baa1(Stable)/BBB-(Stable)/BBB-(Stable)

(Moody s/S&P/Fitch)

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Joint Book-Running Managers: Merrill Lynch, Pierce, Fenner & Smith

Incorporated

UBS Securities LLC

Wells Fargo Securities, LLC

Co-Managers: Citigroup Global Markets Inc.

J.P. Morgan Securities LLC

*Note: A securities rating is not a recommendation to buy, sell or hold securities and may be subject to revision or withdrawal at any time.

The issuer has filed a registration statement (including a prospectus) with the SEC for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement and other documents the issuer has filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the SEC Web site at www.sec.gov. Alternatively, the issuer, any underwriter or any dealer participating in the offering will arrange to send you the prospectus if you request it by calling Merrill Lynch, Pierce, Fenner & Smith Incorporated toll-free at 1-800-294-1322, UBS Securities LLC toll-free at 1-888-827-7275 or Wells Fargo Securities, LLC toll-free at 1-800-645-3751.