DTE ENERGY CO

Form 4

February 02, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

(Last)

(City)

(Instr. 3)

1. Name and Address of Reporting Person * HENNESSEY FRANK M

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

(Middle)

DTE ENERGY CO [DTE] 3. Date of Earliest Transaction

4. If Amendment, Date Original

X_ Director

10% Owner

2000 2ND AVENUE

(Month/Day/Year) 02/01/2007

Officer (give title Other (specify below)

(Zip)

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person

Filed(Month/Day/Year)

Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

DETROIT, MI 48226-1279

1.Title of 2. Transaction Date 2A. Deemed Security

(Month/Day/Year) Execution Date, if Code (Month/Day/Year) (Instr. 8)

4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following (Instr. 4) Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

(A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 5. Number of 6. Date Exercisable and 7. Title and Amount of 4 Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative **Expiration Date Underlying Securities** Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) (Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) or

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	Derivative Security	Disposed of (D) (Instr. 3, 4, and 5)									
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock (Def Dir Fee)	(1)	02/01/2007	A		561.616		(2)	(2)	Common Stock	561.616	\$

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 8	Director	10% Owner	Officer	Other			
HENNESSEY FRANK M 2000 2ND AVENUE DETROIT, MI 48226-1279	X						

Signatures

/s/Sandra Kay Ennis Attorney-in-Fact

02/02/2007

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations, See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- **(1)** 1 for 1
- (2) Payment of Director Fees. The phantom stock will be settled for in cash on a date selected by the reporting person as provided under the plan.
- (3) Includes phantom stock acquired through the dividend reinvestment feature of the DTE Energy Company Plan for Deferring the Payment of Director Fees.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2