Herndon Daniel Rogers ` Form 4 December 07, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Herndon Daniel Rogers `

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Month/Day/Year)

12/03/2010

GenOn Energy, Inc. [GEN]

(Check all applicable)

(First) (Middle) (Last)

(Street)

3. Date of Earliest Transaction

Director X_ Officer (give title

10% Owner Other (specify

1000 MAIN STREET, 12TH

FLOOR

4. If Amendment, Date Original

Filed(Month/Day/Year)

EVP, Strategic Plnng/Bus Devmt 6. Individual or Joint/Group Filing(Check

below)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

HOUSTON, TX 77002

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

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

(A)

Reported Transaction(s)

(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.

(Month/Day/Year)

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security (Instr. 3)

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amo Underlying Secu (Instr. 3 and 4)

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	Derivative Security		(Month/Day/Year)	(Instr.)		Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	An or No of
Time-Based Cash Units	<u>(1)</u>	12/03/2010		M		50,000	<u>(1)</u>	<u>(1)</u>	Common Stock	5
Performance-Based Cash Units	<u>(2)</u>	12/03/2010		M		13,167	(2)	(2)	Common Stock	1

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Herndon Daniel Rogers `1000 MAIN STREET 12TH FLOOR HOUSTON, TX 77002

EVP, Strategic Plnng/Bus Devmt

Signatures

/s/ D. Rogers Herndon 12/07/2010

**Signature of Date
Reporting Person

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).
- Each time-based cash unit is the economic equivalent of one share of common stock of GenOn Energy, Inc., formerly known as RRI Energy, Inc. The time-based cash units were paid in cash in connection with the merger (the "Merger") involving Mirant Corporation and GenOn Energy, Inc. based on the fair market value per share of GenOn Energy, Inc. common stock on the date immediately preceding the closing date of the Merger.
- Each performance-based cash unit is the economic equivalent of one share of common stock of GenOn Energy, Inc. The performance-based cash units were paid in cash in connection with the Merger based on the fair market value per share of GenOn Energy, Inc. common stock on the date immediately preceding the closing date of the Merger.

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.

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