Murray Robert C Form 4 December 07, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Murray Robert C Issuer Symbol GenOn Energy, Inc. [GEN] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) X_ Director 10% Owner Other (specify Officer (give title 1000 MAIN STREET 12/03/2010 below) (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting HOUSTON, TX 77002 Person

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquire on(A) or Disposed of (D) (Instr. 3, 4 and 5)	d 5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	(A) or Amount (D) Price	Reported Transaction(s) (Instr. 3 and 4)	(IIISU. +)	(IIIsu: 4)
Common Stock	12/03/2010		A	51,800 A (1)	51,800	D	

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

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options - Right to Buy	\$ 8.7	12/03/2010		A	14,381	12/03/2010	01/13/2016	Common Stock	14,381
Stock Options - Right to Buy	\$ 8.6	12/03/2010		A	14,540	12/03/2010	05/10/2016	Common Stock	14,540
Stock Options - Right to Buy	\$ 16.15	12/03/2010		A	5,162	12/03/2010	05/15/2012	Common Stock	5,162

Reporting Owners

Reporting Owner Name / Address	Relationships				
1 0	Director	10% Owner	Officer	Other	
Murray Robert C 1000 MAIN STREET	X				
HOUSTON, TX 77002					

Signatures

/s/ Allison B. Cunningham, Attorney-in-Fact

**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).
- Received in exchange for 18,272 shares of common stock of Mirant Corporation ("Mirant") pursuant to the Agreement and Plan of (1) Merger by and among Mirant, RRI Energy Holdings, Inc. and RRI Energy, Inc., now known as GenOn Energy, Inc. (the "Merger Agreement") based on the exchange ratio in the Merger Agreement.
- (2) Received pursuant to the Merger Agreement in exchange for stock options to acquire 5,073 shares of Mirant common stock for \$24.64 per share.
- (3) Received pursuant to the Merger Agreement in exchange for stock options to acquire 5,129 shares of Mirant common stock for \$24.37 per share.

Reporting Owners 2

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(4) Received pursuant to the Merger Agreement in exchange for stock options to acquire 1,821 shares of Mirant common stock for \$45.77 per share.

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.