GenOn Energy, Inc. 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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Check this box if no longer subject to Section 16. Form 4 or Form 5

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

1(b).

Common

Stock

12/03/2010

(Print or Type Responses)

DOBSON RICK J			2. Issuer Name and Ticker or Trading Symbol GenOn Energy, Inc. [GEN]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	Middle) 3.	. Date of Earliest Ti	ransaction			(0.1.001.	un uppnouer	')	
1000 MAIN STREET, 12TH FLOOR (Street)			(Month/Day/Year) 12/03/2010				Director 10% Owner Officer (give title Other (specify below) EVP & Chief Financial Officer			
			Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
HOUSTO	N, TX 77002					_	Form filed by Morerson			
(City)	(State)	(Zip)	Table I - Non-I	Derivative So	ecuritie	s Acqui	red, Disposed of,	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution D any (Month/Day)	rate, if Transaction Code	4. Securities for Disposed (Instr. 3, 4 a	of (D)	` ′	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	

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

F

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.

97,978

D

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

101,032

(1)

D

3.515

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1. Title of Derivative	2.	3. Transaction Date	Execution Date, if any			6. Date Exercisable and Expiration Date		7. Title and Amo Underlying Secu	
Security	Conversion	(Month/Day/Year)							
(Instr. 3)	or Exercise			Code	Securities	(Month/Day/Year)		(Instr. 3 and 4)	
	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A)				
	Derivative				or Disposed of				
	Security				(D)				
					(Instr. 3, 4,				
					and 5)				
									Aı
						Date	Expiration	Title	or
						Exercisable	Date	Title	Nι
				Code V	(A) (D)				of
Time-Based Cash	(2)	12/02/2010		3.4	07.500	(2)	(2)	Common	01
Units	<u>(2)</u>	12/03/2010		M	87,500	(2)	(2)	Stock	8′
Performance-Based	<u>(3)</u>	12/03/2010		M	35,498	(3)	(3)	Common	3:
Cash Units	<u>131</u>	12/03/2010		141	33,770	<u>~</u>	<u> </u>	Stock	5.

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

DOBSON RICK J 1000 MAIN STREET 12TH FLOOR HOUSTON, TX 77002

EVP & Chief Financial Officer

Signatures

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

12/07/2010

**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) The reporting person disposed of these shares to satisfy tax withholding obligations related to the vesting of restricted stock units in connection with the merger (the "Merger") involving Mirant Corporation and GenOn Energy, Inc., formerly known as RRI Energy, Inc.
- Each time-based cash unit is the economic equivalent of one share of common stock of GenOn Energy, Inc. The time-based cash units (2) 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.
- Each performance-based cash unit is the economic equivalent of one share of common stock of GenOn Energy, Inc. The

 (3) 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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