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Cleary Anne	e M										
Form 4											
December 0											
<b>FORM 4</b> UNITED STATES SECURITIES AND EXCHANGE COMMISSION								OMB APPROVAL			
	UNITED	Washington, D.C. 20549							OMB Number:	3235-0287	
Check th if no long subject to Section 1 Form 4 c Form 5 obligatio may cont See Instr 1(b).	ger o 16. or Filed purs tinue. Section 17(a	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES 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 20(h) of the Investment Company Act of 1940							Expires: Estimated a burden hour response		
(Print or Type l	Responses)										
			2. Issuer Name <b>and</b> Ticker or Trading Symbol GenOn Energy, Inc. [GEN]					5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First) (N	(liddle)						(Check all applicable)			
1000 MAIN STREET			3. Date of Earliest Transaction (Month/Day/Year) 12/03/2010					Director       10% Owner         Officer (give title       Other (specify below)         below)       below)         Senior Vice President, Asset M			
			amendment, Date Original Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
HOUSTON, TX 77002								Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Tabl	e I - Non-D	erivative Se	curitie	es Acqu	uired, Disposed of	, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any		3. Transactio Code (Instr. 8) Code V	4. Securitie n(A) or Disp (Instr. 3, 4 a Amount	osed o		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
Common Stock	12/03/2010			А	103,888	А	<u>(1)</u>	103,888	D		
Common Stock								5	I	By spouse	

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.

#### Edgar Filing: Cleary Anne M - Form 4

## 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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio 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 Option - Right to Buy	\$ 8.7	12/03/2010		А	23,051	12/03/2010	01/13/2016	Common Stock	23,051
Stock Option - Right to Buy	\$ 8.84	12/03/2010		А	25,463	12/03/2010	02/17/2016	Common Stock	25,463
Stock Option - Right to Buy	\$ 13.31	12/03/2010		А	14,430	12/03/2010	03/08/2012	Common Stock	14,430
Stock Option - Right to Buy	\$ 13.06	12/03/2010		А	21,860	12/03/2010	03/07/2013	Common Stock	21,860
Stock Option - Right to Buy	\$ 3.67	12/03/2010		А	67,036	12/03/2010	03/03/2019	Common Stock	67,036
Stock Option - Right to Buy	\$ 4.66	12/03/2010		А	67,522	12/03/2010	03/11/2020	Common Stock	67,522
Warrants	\$ 21.87	12/03/2010		А	99	12/03/2010	01/03/2011	Common Stock	280

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
			Senior Vice President, Asset M				

Cleary Anne M 1000 MAIN STREET HOUSTON, TX 77002

### 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).

Received in exchange for 36,645 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 8,131 shares of Mirant common stock for \$24.64 per share.
- (3) Received pursuant to the Merger Agreement in exchange for stock options to acquire 8,982 shares of Mirant common stock for \$25.05 per share.
- (4) Received pursuant to the Merger Agreement in exchange for stock options to acquire 5,090 shares of Mirant common stock for 37.71 per share.
- (5) Received pursuant to the Merger Agreement in exchange for stock options to acquire 7,711 shares of Mirant common stock for \$37.02 per share.
- (6) Received pursuant to the Merger Agreement in exchange for stock options to acquire 23,646 shares of Mirant common stock for \$10.40 per share.
- (7) Received pursuant to the Merger Agreement in exchange for stock options to acquire 23,828 shares of Mirant common stock for \$13.19 per share.
- (8) Received pursuant to the Merger Agreement in exchange for warrants to acquire 99 shares of Mirant common stock for \$21.87 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.