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

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934 (AMENDMENT NO) *				
NRG ENERGY, INC.				
(Name of Issuer)				
Common Stock, \$0.01 Par Value Per Share				
(Title of Class of Securities)				
629377508				
(CUSIP Number)				
December 15, 2004				
(Date of Event which Requires Filing of this Statement)				
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:				
[] Rule 13d-1(b)				
[X] Rule 13d-1(c) [] Rule 13d-1(d)				
*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.				
The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).				
CUSIP No. 629377508 13G Page 2 of 14 Pages				
1 NAME OF REPORTING PERSON				
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON S.A.C. Capital Advisors, LLC				
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) _				
3 SEC USE ONLY				
4 CITIZENSHIP OR PLACE OF ORGANIZATION				
Delaware NUMBER OF 5 SOLE VOTING POWER				
SHARES BENEFICIALLY 0 OWNED				
BY EACH 6 SHARED VOTING POWER				

REPORTING PERSON WITH		5,855,185 (including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock) (see Item 4)	
		7 SOLE DISPOSITIVE POWER 0	
		8 SHARED DISPOSITIVE POWER 5,855,185 (including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock) (see Item 4)	
9	AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	and 200,000	including 2,000 shares issuable upon exercise of options shares issuable upon exercise of 4% Convertible Perpetual tock) (see Item 4)	
10	CHECK BOX I	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
		CLASS REPRESENTED BY AMOUNT IN ROW (9)	
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	00	*SEE INSTRUCTION BEFORE FILLING OUT	
CUSIP No.	629377508	13G Page 3	of 14 Pages
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11	PERCENT OF 6.7% (see I	CLASS REPRESENTED BY AMOUNT IN ROW (9)	

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11	PERCENT OF CLA	SS REPRESENTED BY AMOUNT IN	ROW (9)				
	6.3% (see Item						
12	TYPE OF REPORT						
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		*SEE	INSTRUCTION BEFORE FILLING	OUT			
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CUSIP No.	629377508		130	G	Page 5	of 1	14 Pages
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Stock) (see Item 4) 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 389,310 (including 200,000 shares issuable upon exercise of $4\,\%$ Convertible Perpetual Preferred Stock) (see Item 4) 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 1_1 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) Less than 1% (see Item 4) 12 TYPE OF REPORTING PERSON* *SEE INSTRUCTION BEFORE FILLING OUT Page 5 of 14 13G CUSIP No. 629377508 Page 6 of 14 Pages 1 NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON S.A.C. MultiOuant Fund, LLC 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (b) |X| 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Anguilla, British West Indies NUMBER OF 5 SOLE VOTING POWER SHARES BENEFICIALLY OWNED BY EACH 6 SHARED VOTING POWER REPORTING PERSON 4300 (see Item 4) WITH 7 SOLE DISPOSITIVE POWER 0 8 SHARED DISPOSITIVE POWER 4300 (see Item 4) 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4300 (see Item 4) 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) Less than 1% (see Item 4) 12 TYPE OF REPORTING PERSON* *SEE INSTRUCTION BEFORE FILLING OUT

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	1 NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON				
	Steven A. (
2		APPROPRIATE BOX IF A MEMBER OF A GROUP*			
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		Stock) (see Item 4)			
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		8 SHARED DISPOSITIVE POWER 5,855,185 (including 2,000 shares issuable upon			
		exercise of options and 200,000 shares issuable upon			
		exercise of 4% Convertible Perpetual Preferred Stock) (see Item 4)			
9		AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
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	and 200,000 Preferred S	O shares issuable upon exercise of 4% Convertible Perpetual Stock) (see Item 4)			
10		IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
	1_1				
11	1 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	6.7% (see	Item 4)			
12	TYPE OF REI	PORTING PERSON*			
	IN				
		*SEE INSTRUCTION BEFORE FILLING OUT			

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ITEM 1(A) NAME OF ISSUER:

NRG Energy, Inc.

ITEM 1(B) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

211 Carnegie Center Princeton, New Jersey 08540

ITEMS 2(A) NAME OF PERSON FILING:

This statement is filed by: (i) S.A.C. Capital Advisors, LLC, ("SAC Capital Advisors") with respect to shares of common stock, \$.01 par value per share ("Shares") beneficially owned by S.A.C. Capital Associates, LLC ("SAC Capital Associates"), S.A.C. Arbitrage Fund, LLC ("SAC Arbitrage") and S.A.C. MultiQuant Fund, LLC ("SAC MultiQuant"); (ii) S.A.C. Capital Management, LLC, ("SAC Capital Management") with respect to Shares beneficially owned by SAC Capital Associates, SAC Arbitrage and SAC MultiQuant; (iii) SAC Capital Associates with respect to Shares beneficially owned by it; (iv) SAC

Arbitrage with respect to Shares beneficially owned by it; (v) SAC MultiQuant with respect to Shares beneficially owned by it; and (vi) Steven A. Cohen with respect to Shares beneficially owned by SAC Capital Advisors, SAC Capital Management, SAC Capital Associates, SAC Arbitrage and SAC MultiQuant.

ITEM 2(B)

ADDRESS OF PRINCIPAL BUSINESS OFFICE:

The address of the principal business office of (i) SAC Capital Advisors and Mr. Cohen is 72 Cummings Point Road, Stamford, Connecticut 06902, (ii) SAC Capital Management is 540 Madison Avenue, New York, New York 10022, and (iii) SAC Capital Associates, SAC Arbitrage and SAC MultiQuant is P.O. Box 58, Victoria House, The Valley, Anguilla, British West Indies.

ITEM 2(C)

CITIZENSHIP:

SAC Capital Advisors and SAC Capital Management are Delaware limited liability companies. SAC Capital Associates, SAC Arbitrage and SAC MultiQuant are Anguillan limited liability companies. Mr. Cohen is a United States citizen.

ITEM 2(D)

TITLE OF CLASS OF SECURITIES:

Common Stock, par value \$0.01 per share

ITEM 2(E)

CUSIP NUMBER:

629377508

ITEM 3

Not Applicable

ITEM 4

OWNERSHIP:

The percentages used herein are calculated based upon the Shares issued and outstanding as of December 3, 2004, as reported on the Issuer's annual report on Form 10-K/A filed with the Securities and Exchange Commission by the Issuer for the fiscal year ended December 31, 2003 and taking into account the repurchase by the Issuer of 13 million Shares in a transaction reported on the Issuer's Form 8-K filed on December 21, 2004 filed with the Securities and Exchange Commission by the Issuer.

As of the close of business on December 27, 2004:

- 1. S.A.C. Capital Advisors, LLC
 (a) Amount beneficially owned: 5,855,185
 (including 2,000 shares issuable upon
 exercise of options and 200,000 shares
 issuable upon exercise of 4% Convertible
 Perpetual Preferred Stock)
 (b) Percent of class: 6.7%
 (c) (i) Sole power to vote or direct the
 vote: -0(ii) Shared power to vote or direct the vote:
- (ii) Shared power to vote or direct the vote: 5,855,185 (including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock)
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the

disposition: 5,855,185 (including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock)

2. S.A.C. Capital Management, LLC
(a) Amount beneficially owned: 5,855,185
(including 2,000 shares issuable upon
exercise of options and 200,000 shares
issuable upon exercise of 4% Convertible
Perpetual Preferred Stock)
(b) Percent of class: 6.7%

(c) (i) Sole power to vote or direct the vote: -0-(ii) Shared power to vote or direct the vote: 5,855,185 (including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock)

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition: 5,855,185 (including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock)

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3. S.A.C. Capital Associates, LLC (a) Amount beneficially owned: 5,461,575 (including 2,000 shares issuable upon exercise of options)

(b) Percent of class: 6.3%

(c)(i) Sole power to vote or direct the vote: -0(ii) Shared power to vote or direct the vote:
5,461,575 (including 2,000 shares issuable upon exercise of options)

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition: 5,461,575 (including 2,000 shares issuable upon exercise of options).

4. S.A.C. Arbitrage Fund, LLC

(a) Amount beneficially owned: 389,310 (including 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock)

(b) Percent of class: Less than 1%

(c)(i) Sole power to vote or direct the vote: -0-(ii) Shared power to vote or direct the vote: 389,310 (including 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock)

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition: 389,310 (including 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock)

5. S.A.C. MultiQuant Fund, LLC

(a) Amount beneficially owned: 4300

(b) Percent of class: Less than 1%

(c)(i) Sole power to vote or direct the vote: -0(ii) Shared power to vote or direct the vote:
4300

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition: 4300

6. Steven A. Cohen

(a) Amount beneficially owned: 5,855,185

(including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock) (b) Percent of class: 6.7% (c)(i) Sole power to vote or direct the vote: -0-(ii) Shared power to vote or direct the vote: 5,855,185 (including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock) (iii) Sole power to dispose or direct the disposition: -0-(iv) Shared power to dispose or direct the disposition: 5,855,185 (including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock)

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SAC Capital Advisors, SAC Capital Management, and Mr. Cohen own directly no Shares or securities convertible into Shares. Pursuant to investment agreements, each of SAC Capital Advisors and SAC Capital Management share all investment and voting power with respect to the securities held by SAC Capital Associates, SAC Arbitrage and SAC MultiQuant. Mr. Cohen controls both SAC Capital Advisors and SAC Capital Management. By reason of the provisions of Rule 13d-3 of the Securities Exchange Act of 1934, as amended, each of SAC Advisors, SAC Management and Mr. Cohen may be deemed to own beneficially 5,855,185 Shares (including 2,000 shares issuable upon exercise of options and 200,000 shares issuable upon exercise of 4%Convertible Perpetual Preferred Stock) (constituting approximately 6.7% of the Shares outstanding). Each of SAC Capital Advisors, SAC Capital Management and Mr. Cohen disclaim beneficial ownership of any of the securities covered by this statement.

OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS: _____

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following.

OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

Not Applicable

TTEM 7 IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACOUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:

Not Applicable

IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:

ITEM 5

ITEM 6

ITEM 8

Not Applicable

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ITEM 9 NOTICE OF DISSOLUTION OF GROUP:

Not Applicable

ITEM 10 CERTIFICATION:

By signing below the signatory certifies that, to the best of his knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: December 27, 2004

S.A.C. CAPITAL ADVISORS, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum Title: Authorized Person

S.A.C. CAPITAL MANAGEMENT, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum Title: Authorized Person

S.A.C. CAPITAL ASSOCIATES, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum Title: Authorized Person

S.A.C. ARBITRAGE FUND, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

S.A.C. MULTIQUANT FUND, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum

Title: Authorized Person

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STEVEN A. COHEN

By: /s/ Peter Nussbaum

Name: Peter Nussbaum Title: Authorized Person

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