

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

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934
(AMENDMENT NO. 2)*

NRG ENERGY, INC.

(Name of Issuer)

Common Stock, \$0.01 Par Value Per Share

(Title of Class of Securities)

629377508

(CUSIP Number)

December 31, 2005

(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)
 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).

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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) |_ |

(b) |X |

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5	SOLE VOTING POWER
0	
6	SHARED VOTING POWER
1,437,000*	(see Item 4)
7	SOLE DISPOSITIVE POWER
0	
8	SHARED DISPOSITIVE POWER
1,437,000*	(see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,437,000* (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)

1.8% (see Item 4)

12 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTION BEFORE FILLING OUT

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1 NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

S.A.C. Capital Management, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY

5	SOLE VOTING POWER
0	

OWNED BY EACH REPORTING PERSON WITH

6 SHARED VOTING POWER
1,437,000* (see Item 4)

7 SOLE DISPOSITIVE POWER
0

8 SHARED DISPOSITIVE POWER
1,437,000* (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
1,437,000* (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)
1.8% (see Item 4)

12 TYPE OF REPORTING PERSON*
00

*SEE INSTRUCTION BEFORE FILLING OUT

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1 NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

CR Intrinsic Investors, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH
5 SOLE VOTING POWER
0

6 SHARED VOTING POWER
1,000,000 (see Item 4)

7 SOLE DISPOSITIVE POWER
0

8 SHARED DISPOSITIVE POWER

1,000,000 (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,000,000 (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)

1.2% (see Item 4)

12 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTION BEFORE FILLING OUT

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1 NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Sigma Capital Management, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF
SHARES

5 SOLE VOTING POWER

BENEFICIALLY
OWNED

0

BY

6 SHARED VOTING POWER

EACH

0 (see Item 4)

REPORTING

PERSON

WITH

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

0 (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0 (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)

0% (see Item 4)

12 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTION BEFORE FILLING OUT

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1 NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Steven A. Cohen

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

NUMBER OF
SHARES
BENEFICIALLY

5 SOLE VOTING POWER

0

OWNED

BY

EACH

REPORTING

PERSON

WITH

6 SHARED VOTING POWER

2,437,000* (see Item 4)

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

2,437,000* (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,437,000* (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)

3.0% (see Item 4)

12 TYPE OF REPORTING PERSON*

 *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"), S.A.C. MultiQuant Fund, LLC ("SAC MultiQuant") and S.A.C. Select Fund, LLC ("SAC Select"); (ii) S.A.C. Capital Management, LLC, ("SAC Capital Management") with respect to Shares beneficially owned by SAC Capital Associates, SAC Arbitrage, SAC MultiQuant, and SAC Select; (iii) CR Intrinsic Investors, LLC ("CR Intrinsic Investors") with respect to Shares beneficially owned by CR Intrinsic Investments, LLC ("CR Intrinsic Investments"); (iv) Sigma Capital Management, LLC ("Sigma Capital Management") with respect to Shares beneficially owned by Sigma Capital Associates, LLC ("Sigma Capital Associates"); and (v) Steven A. Cohen with respect to Shares beneficially owned by SAC Capital Advisors, SAC Capital Management, SAC Capital Associates, SAC Arbitrage, SAC MultiQuant, SAC Select, CR Intrinsic Investors, CR Intrinsic Investments, Sigma Capital Management and Sigma Capital Associates.

ITEM 2(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE:
 The address of the principal business office of (i) SAC Capital Advisors, CR Intrinsic Investors and Mr. Cohen is 72 Cummings Point Road, Stamford, Connecticut 06902 and (ii) SAC Capital Management and Sigma Capital Management is 540 Madison Avenue, New York, New York 10022.

ITEM 2(c) CITIZENSHIP:
 SAC Capital Advisors, SAC Capital Management, CR Intrinsic Investors and Sigma Capital Management are Delaware 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

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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 November 3, 2005 as reported on the Issuer's quarterly report on Form 10-Q filed with the Securities and Exchange Commission by the Issuer for the quarterly period ended September 30, 2005, plus Shares issuable upon conversion of the Issuer's 4% Convertible Perpetual Preferred Stock held by SAC Arbitrage as described below.

As of the close of business on December 30, 2005:

1. S.A.C. Capital Advisors, LLC
 - (a) Amount beneficially owned: 1,437,000*
 - (b) Percent of class: 1.8%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 1,437,000*
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 1,437,000*
2. S.A.C. Capital Management, LLC
 - (a) Amount beneficially owned: 1,437,000*

- (b) Percent of class: 1.8%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 1,437,000*
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 1,437,000*
3. CR Intrinsic Investors, LLC
- (a) Amount beneficially owned: 1,000,000
 - (b) Percent of class: 1.2%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 1,000,000
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 1,000,000
4. Sigma Capital Management, LLC
- (a) Amount beneficially owned: -0-
 - (b) Percent of class: 0%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: -0-
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: -0-

5. Steven A. Cohen
- (a) Amount beneficially owned: 2,437,000*
 - (b) Percent of class: 3.0%
 - (c) (i) Sole power to vote or direct the vote: -0-
 - (ii) Shared power to vote or direct the vote: 2,437,000*
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 2,437,000*

* The number of shares reported herein includes 200,000 shares issuable upon conversion of 8000 shares of the Issuer's 4% Convertible Perpetual Preferred Stock.

SAC Capital Advisors, SAC Capital Management, Sigma Capital Management, CR Intrinsic Investors and Mr. Cohen own directly no 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. Pursuant to an investment management agreement, Sigma Capital Management maintains investment and voting power with respect to the securities held by Sigma Capital Associates. Pursuant to an investment management agreement, CR Intrinsic Investors has investment and voting power with respect to the securities held by CR Intrinsic Investments. Mr. Cohen controls each of SAC Capital Advisors, SAC Capital Management, Sigma Capital Management. CR Intrinsic Investments is a wholly owned subsidiary of SAC Capital Associates. By reason of the provisions of Rule 13d-3 of the Securities Exchange Act of 1934, as amended, each of (i) SAC Capital Advisors, SAC Capital Management and Mr. Cohen may be deemed to own beneficially 1,437,000 Shares (constituting approximately 1.8% of the Shares outstanding), (ii) CR Intrinsic Investors and Mr. Cohen may be deemed to own beneficially 1,000,000 Shares (constituting approximately 1.2% of the Shares outstanding) and (iii) Sigma Capital Management and Mr. Cohen may be deemed to own beneficially 0 Shares. Each of SAC Capital Advisors, SAC Capital Management, CR Intrinsic Investors, Sigma Capital Management and Mr. Cohen disclaim beneficial ownership of any of the securities covered by this statement, and SAC Capital Associates disclaims beneficial ownership of any of the securities held by CR Intrinsic Investments.

ITEM 5 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. |_|

ITEM 6 OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON:

Not Applicable

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

Not Applicable

ITEM 8 IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:

Not Applicable

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: February 14, 2006

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

CR INTRINSIC INVESTORS, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

SIGMA CAPITAL MANAGEMENT, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

STEVEN A. COHEN

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

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