

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 AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

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)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

6.7% (see Item 4)

12 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTION BEFORE FILLING OUT

CUSIP No. 629377508

13G

Page 3 of 14 Pages

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
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 AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

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)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

6.7% (see Item 4)

12 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTION BEFORE FILLING OUT

 CUSIP No. 629377508 13G Page 4 of 14 Pages

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

S.A.C. Capital Associates, LLC

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

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Anguilla, British West Indies

NUMBER OF SHARES 5 SOLE VOTING POWER

BENEFICIALLY OWNED 0

BY EACH REPORTING PERSON WITH

6 SHARED VOTING POWER

5,461,575 (including 2,000 shares issuable upon exercise of options) (see Item 4)

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

5,461,575 (including 2,000 shares issuable upon exercise of options) (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

5,461,575 (including 2,000 shares issuable upon exercise of options) (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)

6.3% (see Item 4)

12 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTION BEFORE FILLING OUT

 CUSIP No. 629377508 13G Page 5 of 14 Pages

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

S.A.C. Arbitrage Fund, LLC

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

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Anguilla, British West Indies

NUMBER OF SHARES 5 SOLE VOTING POWER

BENEFICIALLY OWNED 0

BY EACH REPORTING PERSON WITH

6 SHARED VOTING POWER

389,310 (including 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred Stock) (see Item 4)

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

389,310 (including 200,000 shares issuable upon exercise of 4% Convertible Perpetual Preferred 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

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

Less than 1% (see Item 4)

12 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTION BEFORE FILLING OUT

Page 5 of 14

CUSIP No. 629377508

13G

Page 6 of 14 Pages

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

S.A.C. MultiQuant Fund, LLC

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

(a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Anguilla, British West Indies

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5 SOLE VOTING POWER

0

6 SHARED VOTING POWER

4300 (see Item 4)

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*

00

*SEE INSTRUCTION BEFORE FILLING OUT

Page 6 of 14

CUSIP No. 629377508

13G

Page 7 of 14 Pages

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) |X|

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

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

	6 SHARED VOTING 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)

	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 AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

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)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

|

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

6.7% (see Item 4)

12 TYPE OF REPORTING PERSON*

IN

*SEE INSTRUCTION BEFORE FILLING OUT

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: 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)

Page 9 of 14

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)

Page 10 of 14

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.

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

Page 11 of 14

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.

Page 12 of 14

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

Page 13 of 14

STEVEN A. COHEN

By: /s/ Peter Nussbaum

Name: Peter Nussbaum

Title: Authorized Person

Page 14 of 14 Pages