RELIANT ENERGY INC Form SC 13G February 08, 2005

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

RELIANT ENERGY INC.

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

75952B105

(CUSIP Number)

DECEMBER 31, 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:
x 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 in 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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CUSIP NO. 75952B105

13G

- 1. Names of Reporting Persons.
 - S.S. OR I.R.S. Identification Nos. of Above Person

Barrow, Hanley, Mewhinney & Strauss, Inc.

752403190

- 2. Check the Appropriate Box If a Member of a Group (See Instructions)
 - (a) "
 - (b) "
- 3. SEC Use Only
- 4. Citizenship or Place of Organization
 - A Nevada corporation
 - 5. Sole Voting Power

NUMBER OF 3,319,952 shares

SHARES 6. Shared Voting Power

BENEFICIALLY

OWNED BY 21,033,838 shares

EACH 7. Sole Dispositive Power

REPORTING

PERSON 24,353,790 shares

WITH 8. Shared Dispositive Power

9. Aggregate Amount Beneficially Owned by Each Reporting Person

10.	24,353,790 shares Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
11.	Percent of Class Represented by Amount in Row (9)
12.	8.15% Type of Reporting Person (See Instructions)
	IA

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SCHEDULE 13G

- Item 1(a) Name of Issuer: Reliant Energy Inc.
 - (b) Address of Issuer s Principal Executive Offices:

1000 Main Street

Houston, TX 77002

Item 2(a) Name of Person Filing

Barrow, Hanley, Mewhinney & Strauss, Inc.

(b) Address of Principal Business Office or, if none, Residence

One McKinney Plaza

3232 McKinney Avenue, 15th Floor

Dallas, TX 75204-2429

(c) Citizenship

A Nevada corporation

(d) Title of Class of Securities

Common Stock

- (e) CUSIP Number 75952B105
- Item 3. If this statement is filed pursuant to §§240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:
 - (a) "Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).
 - (b) "Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
 - (c) "Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
 - (d) "Investment company registered under section 8 of the Investment Company Act of 1940(15 U.S.C. 80a-8)
 - (e) x An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
 - (f) "An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
 - (g) " A parent holding company or control person in accordance with \$240.13d-1(b)(1)(ii)(G);
 - (h) " A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
 - (i) " A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
 - (j) "Group, in accordance with §240.13d-1(b)(1)(ii)(J).

Item 4. Ownership:

4(a) Amount beneficially owned:

24,353,790 shares

4(b) Percent of Class:

8.15%

- 4(c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote: 3,319,952 shares

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- (ii) Shared power to vote or to direct the vote: 21,033,838 shares
- (iii) Sole power to dispose or to direct the disposition of: 24,353,790 shares
- (iv) Shared power to dispose or to direct the disposition of:
- Item 5. Ownership of Five Percent or Less of a Class:

Not Applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person:

The right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the common stock is held by certain clients of the reporting person, none of which has such right or power with respect to five percent or more of the common stock.

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 a Group:

Not Applicable.

Item 10. Certification:

By signing below the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

After reasonable inquiry and to the best of its knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

BARROW, HANLEY, MEWHINNEY & STRAUSS, INC.

By: /s/ James P. Barrow Name: James P. Barrow Title: President

February 8, 2005

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