

Green Plains Renewable Energy, Inc.
 Form 3
 February 17, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0104
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

INITIAL STATEMENT OF 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
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

| | | | | | |
|---|---------|----------|--------------------------------------|---|--|
| 1. Name and Address of Reporting Person * | | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â Greenstar North America Holdings, Inc. | | | (Month/Day/Year) | Green Plains Renewable Energy, Inc. [GPRE] | |
| (Last) | (First) | (Middle) | 02/12/2010 | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| 3411 RICHMOND AVENUE, SUITE 700 | | | | (Check all applicable) | |
| (Street) | | | | <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| HOUSTON,Â TXÂ 77046 | | | | <input type="checkbox"/> Officer <input checked="" type="checkbox"/> Other (give title below) (specify below) | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| (City) | (State) | (Zip) | | Member of 13D group | <input type="checkbox"/> Form filed by More than One Reporting Person |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock | 5,993,653 ⁽¹⁾ | D | Â |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative | 5. Ownership Form of Derivative Security: | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|---|---|---|
|--|--|---|---|---|---|

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| | | | | | |
|---------------------|--------------------|-------|----------------------------------|----------|--|
| Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Security | Direct (D) or Indirect (I) (Instr. 5) |
|---------------------|--------------------|-------|----------------------------------|----------|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|------------------------|
| | Director | 10% Owner | Officer | Other |
| Greenstar North America Holdings, Inc. 3411 RICHMOND AVENUE, SUITE 700 HOUSTON, TX 77046 | ^ | ^ X | ^ | Member of 13D group |

Signatures

Jeremy Nel,
Attorney-in-Fact

02/17/2010

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).

Represents shares acquired from an affiliate pursuant to an Assignment and Assumption Agreement between the Reporting Person and (1) NTR US Biosystems Holdings Limited ("Biosystems"). The Reporting Person and Biosystems are each wholly owned subsidiaries of NTR plc, which remains an indirect beneficial owner of such shares.

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.