

SUNCOR ENERGY INC
Form 6-K
July 22, 2009

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FORM 6-K

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16 of
the Securities Exchange Act of 1934

For the month of: July 2009

Commission File Number: 1-12384

SUNCOR ENERGY INC.
(Name of registrant)

112 Fourth Avenue S.W.
P.O. Box 38
Calgary, Alberta
Canada, T2P 2V5

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F

Form 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the SEC pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes

No

If "Yes" is marked, indicate the number assigned to the registrant in connection with Rule 12g3-2(b):

N/A

CONTROLS AND PROCEDURES

A. Disclosure Controls and Procedures

See page number 14 of Exhibit 99.2.

B. Changes in Internal Control Over Financial Reporting

See page 14 of Exhibit 99.2.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

SUNCOR ENERGY INC.

Date: July 22, 2009

By: /s/ ARLENE STROM

Arlene Strom
Assistant Corporate Secretary

EXHIBIT INDEX

| Exhibit | Description of Exhibit |
|----------------|--|
| 99.1 | Press Release Including 2009 Outlook |
| 99.2 | Interim Management's Discussion and Analysis for the first fiscal quarter ended June 30, 2009 |
| 99.3 | Interim Unaudited Financial Statements of Suncor Energy Inc. for the three months ended June 30, 2009 |
| 99.4 | Certification of the President and Chief Executive Officer |
| 99.5 | Certification of the Senior Vice President and Chief Financial Officer |

QuickLinks

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