

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer

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

For the month of March 2017
Commission File No. 1-31690

TransCanada Corporation

(Translation of Registrant's Name into English)

450 – 1 Street S.W., Calgary, Alberta, T2P 5H1, Canada
(Address of Principal Executive Offices)

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 if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Exhibit 99.1 to this report, furnished on Form 6-K, is furnished, not filed, and will not be incorporated by reference into any registration statement filed by the registrant under the Securities Act of 1933, as amended.

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.

Date: March 28, 2017

TRANSCANADA CORPORATION

By: /s/ Christine R. Johnston
Christine R. Johnston
Vice-President, Law and Corporate Secretary

EXHIBIT INDEX

- 99.1 Registered Shareholders' Notice of Availability of Proxy Materials for TransCanada Corporation's Annual Meeting.



Have questions about this notice? Call the Toll Free Number below or scan the QR code to find out more

Toll Free - 1-866 964-0492



www.computershare.com/noticeandaccess

Notice of Availability of Proxy Materials for TRANSCANADA CORPORATION Annual Meeting

Meeting Date and Location:

When:	May 5, 2017 10:00 a.m. (Mountain Time)	Where:	Markin McPhail Centre Canada Olympic Park 88 Canada Olympic Road SW
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You are receiving this notice to advise that the proxy materials for the above noted securityholders' meeting are available on the Internet. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. We remind you to access and review all of the important information contained in the Management information circular and other proxy materials before voting.

The Management information circular and other relevant materials are available at:

<http://www.transcanada.com/notice-and-access>
OR
www.sedar.com

How to Obtain Paper Copies of the Proxy Materials

Securityholders may request to receive paper copies of the current meeting materials by mail at no cost. Requests for paper copies may be made using your Control Number as it appears on your enclosed Proxy. To ensure you receive the materials in advance of the voting deadline and meeting date, all requests must be received no later than April 19, 2017. If you do request the current materials, please note that another Proxy will not be sent; please retain your current one for voting purposes.

Request materials by calling Toll Free, within North America - 1-866-962-0498 or direct, from Outside of North America - (514) 982-8716 and entering your control number as indicated on your Proxy.

To obtain paper copies of the materials after the meeting date, please contact 1-800-361-6522.

Securityholder Meeting Notice

The resolutions to be voted on at the meeting are listed below along with the Sections within the management information circular where disclosure regarding the matter can be found.

1. **Election of Directors** - Resolution to elect the directors for next year, as described in the accompanying Management information circular.
2. **Appointment of Auditors** - Resolution to appoint KPMG LLP, Chartered Professional Accountants as auditors and authorize the directors to fix their remuneration.
3. **Advisory Vote on Executive Compensation** - Resolution to accept TransCanada's approach to executive compensation, as described in the Management information circular.

Voting

PLEASE NOTE - YOU CANNOT VOTE BY RETURNING THIS NOTICE. To vote your securities you must vote using the methods reflected on your enclosed Proxy. Your Proxy must be received by 12:00 pm EST, on May 3, 2017.

PLEASE VIEW THE MANAGEMENT INFORMATION CIRCULAR PRIOR TO VOTING

Annual Report delivery

žRegistered holders who did not opt out of receiving one.