UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of February 2016

Commission File Number: 001-33107

CANADIAN SOLAR INC.

545 Speedvale Avenue West Guelph, Ontario, Canada N1K 1E6 (Address of principal executive office)

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 I 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):

CANADIAN SOLAR INC.

Form 6-K

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Incor	poration	by.	Reference

Signature

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Exhibit 99.1

INCORPORATION BY REFERENCE

The document attached as exhibit 99.1 to this 6-K is being incorporated by reference into the Registrant's Registration Statement on Form F-3 initially filed with the Securities and Exchange Commission on January 4, 2016 (No. 333-208828).

SIGNATURE

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.

CANADIAN SOLAR INC.

By: /s/ Shawn (Xiaohua) Qu

Name: Shawn (Xiaohua) Qu Title: Chairman, President and Chief Executive Officer

Date: February 19, 2016

EXHIBIT INDEX

The following document is filed as part of this Form 6-K:

Exhibit 99.1 — Press Release

💥 CanadianSolar

Canadian Solar Secures US\$300 million Credit Facility with Ping An Bank

Guelph, Ontario, February 18, 2016 — Canadian Solar Inc. (the "Company", or "Canadian Solar") (NASDAQ: CSIQ), one of the world's largest solar power companies, today announced that it has secured a credit facility pursuant to which Ping An Bank will provide up to \$300 million to Canadian Solar's wholly owned subsidiary Recurrent Energy LLC to support its solar power project development, construction and operation activities. The credit facility has a three-year maturity.

"We are pleased to announce the credit facility with Ping An Bank, a forward-looking, large commercial bank in China. This transaction again demonstrates Canadian Solar's leadership position in the global solar industry," commented Dr. Shawn Qu, Chairman and Chief Executive Officer of Canadian Solar, "The loan facility will be used to facilitate the expansion of our utility-scale solar energy business in the U.S., and we look forward to continuing our strategic partnership with Ping An Bank as we continue to develop our global solar project pipeline to meet the growing demand for clean solar energy around the world."

About Canadian Solar Inc.

Founded in 2001 in Canada, Canadian Solar is one of the world's largest and foremost solar power companies. As a leading manufacturer of solar photovoltaic modules and a provider of solar energy solutions, Canadian Solar has a geographically diversified pipeline of utility-scale power projects. In the past 14 years, Canadian Solar has successfully deployed over 13 GW of premium quality modules in over 90 countries around the world. Furthermore, Canadian Solar is one of the most bankable companies in the solar industry, having been publically listed on NASDAQ since 2006. For additional information about the company, follow Canadian Solar on Facebook, Twitter, LinkedIn, or on the website.

Safe Harbor/Forward-Looking Statements

Certain statements in this press release are forward-looking statements that involve a number of risks and uncertainties that could cause actual results to differ materially. These statements are made under the "Safe Harbor" provisions of the U.S. Private Securities Litigation Reform Act of 1995. In some cases, you can identify forward-looking statements by such terms as "believes," "expects," "anticipates," "intends," "estimates," the negative of these terms, or other comparable terminology. Factors that could cause actual results to differ include the risks regarding general business and economic conditions and the state of the solar industry; governmental support for the deployment of solar power; future available supplies of high-purity silicon; demand for end-use products by consumers and inventory levels of such products in the supply chain; changes in demand from significant customers; changes in demand from major markets such as Germany, Japan, the U.S. and China; changes in customer order patterns; changes in utility-scale project approval process; delays in utility-scale project construction; continued success in technological innovations and delivery of products with the features customers demand; shortage in supply of materials or capacity requirements; availability of financing; exchange rate fluctuations; litigation and other risks as described in the Company's SEC filings, including its annual report on Form 20-F filed on April 23, 2015. Although the Company believes that the expectations should not place undue reliance on these forward-looking statements. All information provided in this press release is as of today's date, unless otherwise stated, and Canadian Solar undertakes no duty to update such information, except as required under applicable law.