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 January 2020

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 ⊠ 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):□

Table of Contents

CANADIAN SOLAR INC.

Form 6-K

TABLE OF CONTENTS

Signature	
Exhibit Index	4
Exhibit 99.1	
	2

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.

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

Date: January 7, 2020

EXHIBIT INDEX

Exhibit 99.1 — Press Release



Canadian Solar Increases Size of Board of Directors from Five to Six Directors and Appoints Lauren C. Templeton as an Independent Director and Karl E. Olsoni as a Strategic Advisor

Ontario, Canada, January 6, 2020 — Canadian Solar Inc. ("Canadian Solar" or the "Company") (NASDAQ: CSIQ), one of the world's largest solar power companies, today announced that it has increased the size of its Board of Directors from five to six directors and appointed Lauren C. Templeton as an independent director, thereby increasing the number of independent directors to five. The Company also announced that it has appointed Karl E. Olsoni as a strategic advisor to its Board of Directors. Both appointments are effective January 1, 2020. The appointments follow a search process conducted as part of Canadian Solar's ongoing focus on shareholder value creation and Board composition and diversity.

Ms. Templeton is the founder and President of Templeton & Phillips Capital Management, LLC, a global investing boutique located in Chattanooga, Tennessee. She is also an independent director and member of the Audit Committee of Fairfax Financial Holdings Limited, a financial holding company engaged in property and casualty insurance and reinsurance and associated investment management, and its publicly-traded subsidiary, Fairfax India Holdings Corporation.

Ms. Templeton serves on a number of non-profit organizations, including the John Templeton Foundation, the Templeton World Charities Foundation and the Templeton Religion Trust. She also serves on the Board of Trustees at the Baylor School, the Board of Trustees at the Bright School and the Board of Overseers at the Atlas Economic Research Foundation. Ms. Templeton is the former President of the Southeastern Hedge Fund Association, based in Atlanta, Georgia. She is also the co-author of "Investing the Templeton Way: The Market Beating Strategies of Value Investing's Legendary Bargain Hunter", which has been translated into nine languages. Ms. Templeton holds a Bachelor of Arts Degree in Economics from the University of the South, Sewanee.

Mr. Olsoni is currently an Operating Partner with Quinbrook Infrastructure Partners, an infrastructure fund manager investing in clean energy infrastructure in the United States, the United Kingdom and Australia. He is also a Partner with the kRoad group of companies which invest in battery storage, waste transformation and e-mobility. He previously served as Managing Director of the Clean Energy and Infrastructure team at Capital Dynamics where he and his partners raised and invested approximately \$1 billion in clean energy infrastructure projects in the United States, the United Kingdom and Australia.

Mr. Olsoni has more than 30 years of international energy sector experience. He was formerly Chief Financial Officer and Senior Vice President of PPM Energy Inc. (now Iberdrola Renewables/Avangrid), a US-based energy company, and Chief Financial Officer of Koch Materials, Inc., a unit of the Koch Industries, Inc., which marketed heavy petroleum products in the United States, China, Mexico and Brazil. Before that, he spent 16 years with the Southern Company where, among other things, he was part of the original management team that built the Southern Company's independent power and merchant energy business (Southern Energy, Inc., later Mirant, Inc.) into one of the largest independent power producers in the world. Mr. Olsoni holds a Bachelor of Arts degree in Economics from George Washington University and an MBA from the College of William and Mary.

Dr. Shawn Qu, Chairman, President and Chief Executive Officer of Canadian Solar, said: "We are very pleased to welcome Lauren as an independent director and Karl as a strategic advisor to our Board of Directors. Both bring significant experience and outstanding track records of value creation and will provide fresh perspectives to our Board deliberations as we consider a broad range of value-enhancing strategic alternatives for our Modules and Systems Solutions and Energy businesses. We are enthusiastic about Canadian Solar's growth potential, underpinned by strong Company fundamentals and industry growth prospects. We look forward to Lauren and Karl's input as we take actions, including our recently announced buyback program, to create sustainable value for our shareholders."

About Canadian Solar Inc.

Canadian Solar was founded in 2001 in Canada and is one of the world's largest and foremost solar power companies. It is a leading manufacturer of solar photovoltaic modules and provider of solar energy solutions and has a geographically diversified pipeline of utility-scale power projects in various stages of development. Over the past 18 years, Canadian Solar has successfully delivered over 38 GW of premium quality modules to customers in over 150 countries around the world. Canadian Solar is one of the most bankable companies in the solar industry, having been publicly listed on NASDAQ since 2006. For additional information about the Company, follow Canadian Solar on LinkedIn or visit www.canadiansolar.com.

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 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 Japan, the U.S., India and China; changes in customer order patterns; changes in product mix; capacity utilization; level of competition; pricing pressure and declines in average selling prices; delays in new product introduction; delays in utility-scale project approval process; delays in utility-scale project construction; delays in the completion of project sales; 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 25, 2019. Although the Company believes that the expectations reflected in the forward looking statements are reasonable, it cannot guarantee future results, level of activity, performance, or achievements. Investors 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 Sola