

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

**FORM S-8**

**REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933**

**CANADIAN SOLAR INC.**

(Exact name of registrant as specified in its charter)

**Canada**  
(State or other jurisdiction of  
incorporation or organization)

**Not Applicable**  
(I.R.S. Employer  
Identification Number)

**199 Lushan Road  
Suzhou New District  
Suzhou, Jiangsu 215129  
People's Republic of China**  
(Address of principal executive offices and zip code)

**CANADIAN SOLAR INC. AMENDED AND RESTATED SHARE INCENTIVE PLAN**  
(Full title of the plan)

**C T Corporation System  
111 Eighth Avenue  
New York, New York 10011**  
(Name and address of agent for service)

**(212) 894-8800**  
(Telephone number, including area code, of agent for service)

**Copies to:**

**Michael G. Potter**  
Senior Vice President and Chief Financial Officer  
545 Speedvale Avenue West  
Guelph, Ontario, Canada N1K 1E6  
Tel: (1-519) 837-1881  
Fax: (1-519) 837-2550

**David T. Zhang**  
**Benjamin Su**  
Kirkland & Ellis  
26th Floor, Gloucester Tower  
The Landmark, 15 Queen's Road Central  
Hong Kong S.A.R., China  
Tel (852) 3761-3318  
Fax: (852) 3761-3301

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer   
Non-accelerated filer  (Do not check if a smaller reporting company)

Accelerated filer   
Smaller reporting company

**CALCULATION OF REGISTRATION FEE**

Title of securities to be registered	Amount to be registered(1)	Proposed maximum offering price per share(2)	Proposed maximum aggregate offering price(2)	Amount of registration fee(2)
Common Shares, no par value	2,654,904	\$ 20.12	\$ 53,416,669	\$ 6,207.02

(1) Represents common shares of no par value of the registrant (the "Common Shares") issuable pursuant to awards (including the exercise of any options granted) under the Canadian Solar Inc. Amended and Restated Share Incentive Plan (the "Plan"). In addition, pursuant to Rule 416 of the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement also covers any additional Common Shares that may become issuable under the Plan by reason of any substitutions or adjustments to shares to account for any change in corporate capitalization, such as a reorganization, recapitalization, liquidation, stock dividend, stock split, or other distribution of stock or property of the registrant, combination or exchange of Common Shares, dividend in kind, or other like change in capital structure.

(2) Estimated solely for the purposes of calculating the registration fee under Rule 457(h) and Rule 457(e) under the Securities Act, and is based on \$20.12 per share, the average of

the high and low sales price of the Common Shares, as reported on the NASDAQ Global Select Market on January 28, 2015, for the additional Common Shares that are available for issuance pursuant to the “evergreen” provision of the Plan in 2014 and 2015. The total number of Common Shares issuable pursuant to awards under the Plan shall increase annually on the first business day of each calendar year by two and one-half percent of the number of Common Shares outstanding as of such date or a lesser number as determined by the board of the registrant or a committee designated by the board of the registrant to administer the Plan.

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**REGISTRATION OF ADDITIONAL SHARES PURSUANT TO GENERAL INSTRUCTION E**

Pursuant to General Instruction E of Form S-8, the Company is filing this Registration Statement with the Securities and Exchange Commission (the "SEC") to register 2,654,904 common shares of Canadian Solar Inc. (the "Common Shares") for issuance under the Canadian Solar Inc. Amended and Restated Share Incentive Plan. This Registration Statement hereby incorporates by reference the contents of the Registrant's registration statements on Form S-8 filed with the SEC on October 31, 2007 (File No. 333-147042) and on November 25, 2011 (File No. 333-178187).

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Suzhou, China, on January 30, 2015.

### CANADIAN SOLAR INC.

By: /s/ Shawn (Xiaohua) Qu

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

### POWER OF ATTORNEY

Each person whose signature appears below hereby authorizes and appoints Mr. Shawn (Xiaohua) Qu and Mr. Michael G. Potter, with full power to act alone, as his or her true and lawful attorney-in-fact, with the power of substitution, for and in such person's name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this registration statement, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact full power and authority to do and perform each and every act and thing requisite and necessary to be done as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorney-in-fact may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the date indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Shawn (Xiaohua) Qu</u> Shawn (Xiaohua) Qu	Chairman, President and Chief Executive Officer (principal executive officer)	January 30, 2015
<u>/s/ Michael G. Potter</u> Michael G. Potter	Senior Vice President and Chief Financial Officer (principal financial and accounting officer)	January 30, 2015
<u>/s/ Robert McDermott</u> Robert McDermott	Director	January 30, 2015
<u>/s/ Lars-Eric Johansson</u> Lars-Eric Johansson	Director	January 30, 2015
<u>/s/ Harry E. Ruda</u> Harry E. Ruda	Director	January 30, 2015
<u>/s/ Andrew Wong</u> Andrew Wong	Director	January 30, 2015
<u>/s/ Donald J. Puglisi</u> Name: Donald J. Puglisi Title: Managing Director Puglisi & Associates	Authorized Representative in the United States	January 30, 2015

[Signature Page to S-8]

**CANADIAN SOLAR INC.**

**EXHIBIT INDEX**

<b>Exhibit Number</b>	<b>Description of Exhibit</b>
4.1	Amended Articles of Continuance (incorporated by reference to Exhibit 3.2 of our registration statement on Form F-1 (File No. 333-138144), as amended, initially filed with the SEC on October 23, 2006)
4.2	Canadian Solar Inc. Amended and Restated Share Incentive Plan (incorporated by reference to Exhibit 4.5 to our annual report on Form 20-F for the year ended December 31, 2010 (File No. 001-33107), filed with the SEC on May 17, 2011)
5.1*	Opinion of WeirFoulds LLP
23.1*	Consent of WeirFoulds LLP (included in Exhibit 5.1)
23.2*	Consent of Deloitte Touche Tohmatsu Certified Public Accountants LLP
24.1*	Power of Attorney (included on signature page hereto)

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\* Filed herewith.

Barristers &amp; Solicitors

WeirFoulds<sup>LLP</sup>

January 30, 2015

Canadian Solar Inc.  
199 Lushan Road  
Suzhou New District  
Suzhou, Jiangsu 215129  
People's Republic of China

Dear Sirs:

**Re: Canadian Solar Inc. (the "Company")**

We have acted as legal counsel in Canada to the Company, a corporation formed under the federal corporate laws of Canada, in connection with a registration statement on Form S-8 (the "**Registration Statement**") dated January 30, 2015 to be filed with the U.S. Securities and Exchange Commission (the "**Commission**") relating to the registration under the U.S. Securities Act of 1933, as amended, (the "**Securities Act**") of an amount of common shares in the capital of the Company (the "**Common Shares**") for issuance pursuant to the amended and restated share incentive plan of the Company (the "**Plan**").

**Share Incentive Plan**

As Canadian counsel to the Company, we have examined the corporate authorisations of the Company in connection with the Plan and the issue of the Common Shares by the Company and have assumed that the Common Shares will be issued in accordance with the Plan and the resolutions authorising their issue.

It is our opinion that the Common Shares to be issued by the Company under the Plan have been duly and validly authorised, and when issued, sold and paid for in the manner described in the Plan and in accordance with the resolutions adopted by the Board of Directors of the Company (or any committee to whom the Board of Directors have delegated their powers with respect to administration of the Plan) and when appropriate entries have been made in the securities register recording the shareholders of the Company, will be legally issued, fully paid and non-assessable.

We consent to the use of this opinion as an exhibit to the Registration Statement and further consent to all references to us in the Registration Statement and any amendments thereto. In giving such consent, we do not consider that we are "experts" within the meaning of such term as used in the Securities Act, or the rules and regulations of the Commission issued thereunder, with respect to any part of the Registration Statement, including this opinion as an exhibit or otherwise.

Yours truly,

/s/ WeirFoulds LLP

4100 - 66 Wellington Street West, PO Box 35, Toronto-Dominion Centre, Toronto, Ontario, Canada. M5K 1B7

**T: 416-365-1110 F: 416-365-1876**  
www.weirfoulds.com

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We consent to the incorporation by reference in this Registration Statement on Form S-8 of our reports relating to the financial statements and financial statement schedule of Canadian Solar Inc. and subsidiaries (the "Company"), and the effectiveness of Company's internal control over financial reporting dated April 28, 2014, appearing in the Annual Report on Form 20-F of Canadian Solar Inc. for the year ended December 31, 2013.

/s/ DELOITTE TOUCHE TOHMATSU CERTIFIED PUBLIC ACCOUNTANTS LLP

Shanghai, China

January 30, 2015

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