

Tillbridge Solar Project EN010142

Volume 4 Funding Statement Document Reference: EN010142/APP/4.2

Regulation 5(2)(h) Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

> April 2024 Revision Number: 00

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1. Introduction

1.1 Background

- 1.1.1 Tillbridge Solar Ltd (hereafter referred to as 'the Applicant') is seeking consent for the construction, operation and decommissioning of the Tillbridge Solar Project (hereafter referred to as the 'Scheme'). This will require an application for a Development Consent Order (DCO), which has been submitted to the Planning Inspectorate, with the decision of whether to grant a DCO being made by the Secretary of State pursuant to the Planning Act 2008 (PA 2008).
- 1.1.2 This Funding Statement has been prepared by the Applicant. It forms part of the Application for a DCO that has been submitted to the Secretary of State for Energy Security and Net Zero (Secretary of State) under section 37 of the PA 2008.

1.2 Scheme Description

- 1.2.1 The Scheme will comprise the construction, operation (including maintenance), and decommissioning of ground-mounted solar photovoltaic (PV) arrays. The Scheme will also include associated development to support the solar PV arrays.
- 1.2.2 The Scheme is made up of the Principal Site, the Cable Route Corridor and works to the existing National Grid Cottam Substation. The Principal Site comprises the solar PV arrays, electrical substations, grid balancing infrastructure, cabling and areas for landscaping and ecological enhancement.
- 1.2.3 The associated development element of the Scheme includes but is not limited to access provision; a Battery Energy Storage System (BESS), to support the operation of the ground mounted solar PV arrays; the development of on-site substations; underground cabling between the different areas of solar PV arrays; and areas of landscaping and biodiversity enhancement.
- 1.2.4 The Scheme also includes a 400kV underground Cable Route Corridor of approximately 18.5km in length connecting the Principal Site to the National Electricity Transmission System (NETS) at the existing National Grid Cottam Substation. The Scheme will export and import electricity to the NETS.
- 1.2.5 A full description of the Scheme is included in **Chapter 3: Scheme Description** of the Environmental Statement [EN010142/APP/6.1]. An overview of the Scheme and its environmental impacts is provided in the Environmental Statement **Non-Technical Summary** [EN010142/APP/6.4].
- 1.2.6 The Scheme qualifies as a Nationally Significant Infrastructure Project (NSIP) and will require a DCO to be granted from the Secretary of State, due to its generating capacity exceeding 50 MW.

1.3 The Purpose and Structure of this Document

- 1.3.1 This Statement has been produced pursuant to Regulation 5(2)(h) of the Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009 (the APFP 2009) and the Department of Communities and Local Government guidance 'Planning Act 2008: Guidance related to procedures for the compulsory acquisition of land' (September 2013) (the Guidance).
- 1.3.2 This Statement is required because the DCO sought for the Scheme would authorise the compulsory acquisition of land or interests in land. This gives rise to the requirement under Regulation 5(2)(h) of the APFP 2009 for the Applicant to provide a statement indicating how the DCO containing these powers is proposed to be funded.
- 1.3.3 This Statement is one of several documents accompanying the Application and submitted to the Secretary of State and should be read in conjunction with those documents. They include principally the **Statement of Reasons** [EN010124/APP4.1].

2. Funding

2.1 Corporate Structure

- 2.1.1 Tillbridge Solar Ltd is the Applicant for the Application. It is a company registered in England and Wales under company number 12887594.
- 2.1.2 The majority shareholder in the Applicant, holding 51% of the shares and voting rights, is CS UK Holdings III Limited (company number 10909660) which is a company registered in England and Wales (together with its affiliates referred to herein as Recurrent Energy). Recurrent Energy is a subsidiary of Canadian Solar UK Projects Limited with the ultimate parent company being Canadian Solar Inc. which is a publicly traded company listed on NASDAQ. The ownership structure of Recurrent Energy is included in **Figure 1** below.
- 2.1.3 The minority shareholder in the Applicant, holding 49% of the shares and voting rights, is Marcus Luke Murray, a majority shareholder and director of Tribus Clean Energy Limited, company number 11494471, which is also a company registered in England and Wales (Tribus). Tribus is the developer and day to day manager of the development of the Scheme, alongside Recurrent Energy, the funder. The corporate structure of Tillbridge Solar Limited is outlined in **Plate 1** below.

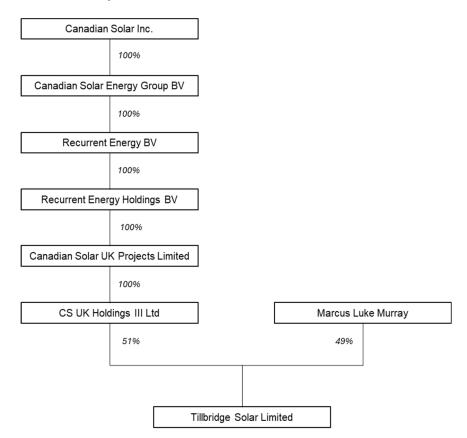


Plate 1: Corporate Structure

2.2 Scheme Costs

2.2.1 The current capital cost estimate for the Scheme is approximately £700 million. This estimate covers all aspects of the Scheme and has been arrived at by including construction costs, preparation costs, supervision costs, land acquisition costs, equipment purchase, installation, commissioning and power export. The estimate also includes an allowance for inflation and project contingencies. The costs of decommissioning is not covered in the above figure. That is because there is an obligation on the Applicant, through the agreements it has reached with landowners, to create a form of security during the operational phase of the Scheme in order to ensure there are funds available for decommissioning in accordance with the terms of the proposed DCO.

2.3 Scheme Funding

- 2.3.1 The Applicant is funded by Recurrent Energy in accordance with an agreement between Recurrent Energy and Tribus. The costs of promoting the Application is the responsibility of Recurrent Energy. The costs of constructing and maintaining the Scheme will be funded by Recurrent Energy. Recurrent Energy has sufficient funds to implement the Scheme (including compulsory acquisition compensation costs). The Applicant has appended at Appendix A, Canadian Solar Inc's latest financial results, being Q4 2023 and at Appendix B, extracts from Canadian Solar Inc's Annual Report from 2022, to demonstrate that Canadian Solar Inc has the adequate funding for the Scheme.
- 2.3.2 Recurrent Energy and Tribus have significant experience of promoting solar farms in the UK.

Recurrent Energy

- 2.3.3 Recurrent Energy was launched in April 2023 as the rebranded subsidiary development and services arm of parent company Canadian Solar, founded in 2001 and one of the world's largest solar technology and renewable energy companies. Recurrent Energy has developed, built and connected over 9 GW across 6 continents, with 6 GW of projects in operation, and an additional 25 GW of solar and 47 GWh of battery storage projects in the pipeline.
- 2.3.4 Recurrent Energy is one of the most bankable companies in the solar and renewable energy industry, having been publicly listed on the NASDAQ since 2006, with a mission to foster sustainable development and create a better, cleaner earth for future generations by generating electricity from the sun.
- 2.3.5 Recurrent Energy has a strong track record having developed and built dozens of projects in the UK including Christchurch Solar Farm (Dorset), Bobbing Solar Farm (Kent) and Ballygarvey Solar Farm (Co. Antrim).

Tribus Clean Energy

2.3.6 Tribus Clean Energy specialises in the development of renewable energy projects and has a UK solar PV development pipeline of over 1.5 GW and a pipeline of over three GWh of BESS. Tribus is a privately held company, founded in 2018.

2.3.7 Tribus believes that climate change is the defining environmental issue of our time. To mitigate and adapt for the worst effects, a transition to a low-carbon economy must be implemented rapidly.

2.4 Land Acquisition and Blight

- 2.4.1 The delivery of the Scheme requires the acquisition of land or rights (including the creation of rights and the imposition of restrictions) in, under, over land, and the temporary possession of land.
- 2.4.2 As set out in the **Statement of Reasons [EN010124/APP4.1]**, the Applicant has already secured a number of voluntary agreements over the Order Land. However, compulsory acquisition powers are required to ensure that the Scheme can proceed without impediment.
- 2.4.3 Should any claims for blight arise because of the Application, Recurrent Energy has access to sufficient funds to meet the cost of acquiring these interests at whatever stage they are served. However, the Applicant has not identified any interests which it considers could be eligible to serve a blight notice.
- 2.4.4 The estimate of costs for the Scheme of £700 million provided at 2.2.1 above includes the sum of £53 million to cover the compensation payable in respect of any compulsory acquisition included in the DCO and required for the Scheme. This estimate comprises £41.8 million for the Principal Site and £11.2 million for the Cable Route Corridor and includes a buffer should these costs be greater. This estimate has been arrived at by the Applicant and informed by the considerable experience that its group companies have in bringing forward solar projects to operation. It is unlikely the full estimates for compulsory acquisition will be required given existing voluntary agreements in place.

2.5 Security for Compensation

2.5.1 The **draft DCO [EN010124/APP/3.1]** also includes an Article preventing the exercise of the compulsory acquisition powers until the Secretary of State has approved a form of security from the Applicant.

Appendix A: Canadian Solar Incorporated Financial Results Q4 2023

Fourth Quarter and Full Year 2023 Highlights

- 26% increase in solar module shipments year-over-year ("yoy") to 8.2 GW, above guidance range of 7.6 GW to 8.1 GW.
- Record full year solar module shipments of 30.7 GW by CSI Solar, a 45% increase yoy.
- Record full year revenues of \$7.6 billion.
- Record full year net income attributable to Canadian Solar of \$274 million, or \$3.87 per diluted share.
- Record 63 GWh of e-STORAGE pipeline, of which \$2.6 billion is contracted backlog, as of January 31, 2024.
- Secured a \$500 million investment in Recurrent Energy from BlackRock.

Fourth Quarter 2023 Results

Total module shipments recognized as revenues in the fourth quarter of 2023 were 8.2 GW, up 26% yoy and down 2% qoq. Of the total, 47 MW were shipped to the Company's own utility-scale solar power projects.

Net revenues in the fourth quarter of 2023 decreased 8% qoq and 14% yoy to \$1.7 billion. The sequential decrease primarily reflects a decline in module average selling price ("ASP"), a decline in solar module shipment volume, and lower projects sales, partially offset by higher battery energy storage solutions sales.

Gross profit in the fourth quarter of 2023 was \$213 million, down 31% qoq and 39% yoy. Gross margin in the fourth quarter of 2023 was 12.5%, compared to 16.7% in the third quarter of 2023. The gross margin decline was primarily caused by lower module ASPs and an inventory write-down, partially offset by lower manufacturing costs and a higher margin contribution from battery energy storage solutions sales. Total operating expenses in the fourth quarter of 2023 were \$213 million, compared to \$225 million in the third quarter of 2023 and \$213 million in the fourth quarter of 2022.

Depreciation and amortization charges in the fourth quarter of 2023 were \$89 million, compared to \$76 million in the third quarter of 2023 and \$50 million in the fourth quarter of 2022. The sequential increase was primarily driven by the Company's continued investment in vertical integration and incremental capacity expansion. Net interest expense in the fourth quarter of 2023 was \$18 million, compared to \$11 million in the third quarter of 2023 and \$11 million in the fourth quarter of 2022. The sequential increase was attributable to increased financing and comparatively lower interest income.

Net foreign exchange and derivative gain in the fourth quarter of 2023 was less than \$1 million, compared to a net loss of \$17 million in the third quarter of 2023 and a net loss of \$15 million in the fourth quarter of 2022.

Net loss attributable to Canadian Solar in the fourth quarter of 2023 was \$1 million, or \$0.02 per diluted share, compared to net income of \$22 million, or \$0.32 per

diluted share, in the third quarter of 2023, and net income of \$78 million, or \$1.11 per diluted share, in the fourth quarter of 2022.

Net cash flow provided by operating activities in the fourth quarter of 2023 was \$190 million, compared to \$158 million in the third quarter of 2023. The sequential increase in operating cash flow primarily resulted from reduced inventories and increased other payables.

Total debt was \$3.6 billion as of December 31, 2023, including \$1.9 billion, \$1.5 billion, and \$0.2 billion related to CSI Solar, Recurrent Energy, and convertible notes respectively. Total debt increased as compared to \$3.3 billion as of September 30, 2023 due to incremental borrowings for working capital and additional vertical integration for CSI Solar, and new project development for Recurrent Energy.

Appendix B: Canadian Solar Incorporated Annual Report 2022 – Illustrative Extracts

The consolidated financial statement extracts below are taken from the independently audited Canadian Solar Incorporated Annual Report 2022 and are for illustrative purposes only.

The full report, including the accompanying notes that are an integral part of the consolidated financial statements, are available on the Canadian Solar Inc website.

Canadian Solar Inc. Consolidated Balance Sheets

	December 31, 2021	December 31, 2022
	(In Thousands of U.S. Dol	lars, except share data)
ASSETS		
(Including balances in variable interest entities, see Note 10)		
Current assets: Cash and cash equivalents	869,831	981,434
Cash and cash equivalents	560,633	981,434
Accounts receivable trade, net	651,372	978,110
Accounts receivable unbilled	37,244	57,770
Amounts receivable, innovad	73,042	48,614
Inventories	1,192,374	1,524,095
Value added tax recoverable	125,882	158,773
Advances to suppliers, net	225,879	253,484
Derivative assets	7,286	17,516
Project assets	594,107	385,964
Prepaid expenses and other current assets	434,177	267,941
Total current assets	4,771,827	5,644,657
Restricted cash	3,818	9,953
Property, plant and equipment, net	1,401,877	1,826,643
Folyary, prant and equipment, net	108,263	364,816
Som power systems, net	236,503	229,226
Advances to suppliers, net	34,239	65,352
Investments in affiliates	98,819	115,784
Intragible assets, net	18,992	17,530
Project assets	433,254	438,529
Right-of-use assets	106,297	103,600
Amounts due from related parties		33,489
Other non-current assets	174,453	187,549
TOTAL ASSETS	7,388,342	9,037,128
	7,000,042	5,057,120
LIABILITIES AND EQUITY (Including balances in variable interest entities, see Note 10)		
Current liabilities:		
Short-term borrowings	1,592,870	1,443,816
Accounts payable	502,995	805,300
Short-term notes payable	881,184	1,493,399
Amounts due to related parties	143	89
Other payables	667,854	853,040
Advances from customers	135,512	334,943
Derivative liabilities	2,622	25,359
Operating lease liabilities	12,185	9,810
Other current liabilities	242,783	293,012
Total current liabilities	4,038,148	5,258,768
Long-term borrowings	523,634	813,406
Convertible notes	224,675	225,977
Liability for uncertain tax positions	7,448	5,730
Deferred ta labilities	48,150	66,630
Loss contingency accruals	15,148	5,000
Doprating Lass liabilities	23.215	25,714
Financing liabilities	53,641	
Other non-current liabilities	327,845	329,209
TOTAL LIABILITIES	5,261,904	6,730,434
Commitments and contingencies (Note 21)	5,201,904	0,750,454
Communications and contangenetics (Note 2.1)		
Equity. Common shares – no par value: unlimited authorized shares, 64,022,678 and 64,506,055 shares issued and outstanding at December 31, 2021 and 2022, respectively	835,543	835,543
Common shares in to par value, unimmed autorized shares, 04,022,078 and 04,500,055 shares issued and ouistancing at December 51, 2021 and 2022, respectively Additional paid-in capital	(19,428)	1,127
Retained earnings	1,035,552	1,127
Accumulated other comprehensive loss	(50,584)	(170,551
	1,801,083	1,941,639
Total Canadian Solar Inc. shareholders' equity	325,355	365,055
Non-controlling interests		
TOTAL EQUITY	2,126,438	2,306,694
TOTAL LIABILITIES AND EQUITY	7,388,342	9,037,128

Canadian Solar Inc. Consolidated Statements of Operations

Canadian Solar Inc. Consolidated Statements of Operations		Years	Ended December 31,		
	2020		2021		2022
	(In Thousand	s of U.S. Do	ollars, except share and	per share	.lata)
Net revenues	3,476,495		5,277,169		7,468,610
Cost of revenues	2,786,581		4,367,857		6,205,474
Gross profit	689,914		909,312		1,263,136
Operating expenses:					
Selling and distribution expenses	224,243		398,650		558,926
General and administrative expenses	225,597		308,942		342,129
Research and development expenses	45,167		58,407		69,822
Other operating income, net	(25,523)		(47,068)		(63,802)
Total operating expense	469,484		718,931		907,075
Income from operations	 220,430		190,381		356,061
Other income (expense):					
Interest expense	(71,874)		(58,153)		(74,266)
Interest income	9,306		11,051		40,615
Gain (loss) on change in fair value of derivatives, net	50,001		23,785		(44,489)
Foreign exchange gain (loss), net	(64,820)		(47,234)		77,689
Investment income (loss), net	(8,559)		18,634		858
Total other income (expense)	(85,946)		(51,917)		407
Income before income taxes and equity in earnings of affiliates	 134,484		138,464		356,468
Income tax benefit (expense)	1,983		(35,844)		(73,353)
Equity in earnings of affiliates	10,779		7,256		15,440
Net income	147,246		109,876		298,555
Less: net income attributable to non-controlling interests	543		14,628		58,587
Net income attributable to Canadian Solar Inc.	146,703		95,248		239,968
Earnings per share — basic	\$ 2.46	\$	1.55	\$	3.73
Shares used in computation — basic	59,575,898		61,614,391		64,324,558
Earnings per share — diluted	\$ 2.38	\$	1.46	\$	3.44
Shares used in computation — diluted	62,306,819		68,872,102		71,183,135

Canadian Solar Inc. Consolidated Statements of Comprehensive Income

	2020	ears Ended December 31, 2021	2022
Net income	147.246	Thousands of U.S. Dollars) 109,876	298,555
Other comprehensive income (loss):	147,240	109,870	276,555
Foreign currency translation adjustment	76,188	(26,296)	(150,127)
Gain on changes in fair value of available-for-sale debt securities, net of tax	_	_	904
Gain (loss) on interest rate swap, net of tax	(4,115)	59	716
De-recognition of interest rate swap, net of tax	10,724	_	_
Share of gain on changes in fair value of derivatives of affiliate, net of tax		_	3,754
Comprehensive income	230,043	83,639	153,802
Less: comprehensive income attributable to non-controlling interests	2,412	10,296	34,345
Comprehensive income attributable to Canadian Solar Inc.	227,631	73,343	119,457

Canadian Solar Inc. Consolidated Statements of Changes in Equity

NumberSNumberSSS <th< th=""><th></th><th>Common Shares</th><th></th><th>Treasur Stock</th><th>-</th><th>Additional Paid-in Capital</th><th>Retained Earnings</th><th>Accumulated Other Comprehensive Income (Loss)</th><th>Earnings Attributable to Canadian Solar Inc.</th><th>Non- Controlling Interests</th><th>Total Equity</th></th<>		Common Shares		Treasur Stock	-	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Earnings Attributable to Canadian Solar Inc.	Non- Controlling Interests	Total Equity
Balance at December 31, 2019 \$9,371,684 703,806 609,516 (11,845) $17,179$ $792,601$ (109,607) $1.393,134$ $31,924$ $1425,058$ Net income — — — — — — $146,050$ 543 $1422,068$ Acquisition of noncontrolling interest sourcethy — — — — — $144,010$ … $144,010$ … $144,010$ … $144,010$ … $144,101$ … $(61,110)$		Number	\$	Number	S			\$	\$	<u> </u>	\$
Net income Image: Arrow and adjustment Image: Arrow adjustment											
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		_	-								
Repreduce of common shares ⁽¹⁾ (38) 300 - 38) 1300 (5963) - - (5963) - (1235) - (1235) - (1235) - (1235) - (1235) - (1235) - (1235) - (1235) - (1235) - (1415) - (1415) - (1415) - (1415) - (1415) - (1415) - (1415) - (1415) - (1415) - (1415) - (1415) - (1616) - - - - - - - - -		_	_								
Reirement of treasury stock ⁽¹⁾ Image of the store stock (1) Image of the store stock (1) Image of the store			-			(8,414)	_	_		-	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		(381,330)					—	_	(5,963)	—	(5,963)
		_	(17,808)	(990,846)			_	_		-	_
Transfer of quity interest in subsidiaries to non-controlling shareholders ⁽²⁾ - - - (49,351) - - - (49,351) 273,904 222,453 Dereccognition of derivatives - - - - - - - 10,724 10,724 - 10,724 - 10,724 - 10,724 - 10,724 - 10,724 - 10,724 - 10,724 - 10,724 - 10,724 - 10,724 - 10,724				_			—	—			
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		_		_		(49,351)	-		(49,351)		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		_	_	_	_	_	_				
Balance at December 31, 2020 59, 820, 384 687, 033 - - (28, 236) 940, 304 (28, 679) 1, 570, 422 322, 363 1, 892, 785 Net income - - - 95, 248 14, 628 109, 876 Foreign currency translation adjustment - - - 95, 248 14, 628 109, 876 Acquisition of non-controlling interest's ownership - - - - - - - 0, 10, 109 (10, 179) (10, 170) (10, 170) (10, 120) (10, 120) (10, 120) (10, 120) (10, 120)		—	-	_	_	-	_			-	
Net income - - - - 95,248 14,628 109,876 Foreign currency translation adjustment -				_	_						
		59,820,384	687,033	_	_	(28,236)		(28,679)			
Acquisition of non-controlling interest's ownership — — — — — — — (10,719) (10,		_	_	_	_	_	95,248				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		_	_	_	-	_	-	(21,964)	(21,964)		
Exercise of RSUs 562,376		_	_	-	-		_	_		(10,719)	
Issuance of ordinary shares, net of issuance costs ⁽¹⁾ $3,639,918$ $148,510$ 148,510148,510Proceeds from nor-controlling interests10,00310,003Disposal of subsidiaries16,88166,588Fair value change on derivatives595959Balance at December 31, 2021 $64,022,678$ $835,543$ (19,428)1,035,552(50,584)1,801,083325,3552,126,8358Net income239,968239,968325,3552,126,8358Foreign currency translation adjustment239,96824,242(150,127)Share-based compensation9,3709,370Exercise of RSUs483,3779,370Proceeds from non-controlling interests2,5292,529Transfer of equity interest in subsidiary to non-controlling interest2,5292,529Transfer of equity interest in subsidiary to non-controlling interest2,529Disposal of subsidiary2,5291,5263Fair value c			-	_	-	8,808	_	_	8,808	-	8,808
Proceeds from non-controlling interests — — — — — — — 10,003 10,003 Disposal of subsidiaries — … <td></td> <td></td> <td></td> <td>_</td> <td>-</td> <td>_</td> <td>_</td> <td>_</td> <td></td> <td>-</td> <td>-</td>				_	-	_	_	_		-	-
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		3,639,918	148,510	-	_	-	-	_	148,510		
Fair value change on derivatives		—	_	_	-	_	_	—	_		
Balance at December 31, 2021 $64,022,678$ $835,543$ - - $(19,428)$ $1,035,552$ $(50,584)$ $1,801,083$ $325,355$ $2,126,438$ Not income - - - - 239,968 $58,587$ $298,555$ Share-based compensation - - - - 239,968 $52,827$ $298,555$ Share-based compensation - - - - 9,370 - 9,370 Exercise of RSUs 483,377 - - - - - - 9,370 - 9,370 Proceeds from non-controlling interests - - - - - - - - - - - 9,370 - 9,370 - 9,370 - 9,370 - 9,370 - 9,370 - 9,370 - 9,370 - - - - - - - - - - 2,529 2,529 7,529 2,529 7,531 5,828 2,628 1,828,38 2,823 1,828,38 </td <td></td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td>_</td> <td></td> <td></td> <td>(6,588)</td> <td></td>		_	_	_	_	_	_			(6,588)	
Net income - - - - 239,968 58,587 298,555 Foreign currency translation adjustment - - - - 239,968 58,587 298,555 Share-based compensation - - - - - 9,370 - 9,370 - 9,370 - 9,370 - 9,370 - 9,370 - 9,370 - 9,370 - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - 9,370 - - - - - - - - - - - - - - - - -	Fair value change on derivatives	_	_	_	_			59			59
Foreign currency translation adjustment(125,885)(125,885)(24,242)(150,127)Share-based compensation9,3709,3709,370Exercise of RSUs483,3779,3709,370Proceeds from non-controlling interests9,370Transfer of equity interest in subsidiary to non-controlling interest2,529Transfer of equity interest in subsidiary to non-controlling interest2,529Disposal of subsidiary2,628Fair value change of available-for-sale debt securities9,04Fair value change on derivatives of fair value change on derivatives of affiliates9,04Share of fair value change on derivatives of affiliates9,04Share of fair value change on derivatives of affiliates3,754	Balance at December 31, 2021	64,022,678	835,543		_	(19,428)	1,035,552	(50,584)	1,801,083	325,355	2,126,438
Share-based compensation	Net income	_	_	_	_	_	239,968	_	239,968	58,587	298,555
Exercise of RSUs 483,377 <	Foreign currency translation adjustment	_	_	_	-	_	_	(125,885)	(125,885)	(24,242)	(150,127)
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Share-based compensation	_	_	_		9,370	_	_	9,370	_	9,370
Transfer of equity interest in subsidiary to non-controlling interest - - - 11,185 - 544 11,729 $4,094$ 15,823 Disposal of subsidiary - - - - - - - (1,268) (1,268) Fair value change of available-for-sale debt securities - - - - 904 904 - 904 Fair value change on derivatives - - - - 716 716 - 716 Share of fair value change on derivatives of affiliates - - - - 3,754 3,754 - 3,754	Exercise of RSUs	483,377	_	_	_	_	_	_		_	_
Disposal of subsidiary	Proceeds from non-controlling interests	_	_	_	_	_	_	_	_	2,529	2,529
Fair value change of available-for-sale debt securities — — — — 904 904 — 904 Fair value change on derivatives — — — — — 904 904 — 904 Fair value change on derivatives — — — — 716 716 — 716 Share of fair value change on derivatives of affiliates — — — — 3.754 3.754 — 3.754	Transfer of equity interest in subsidiary to non-controlling interest	_	_	_	_	11,185	_	544	11,729	4,094	15,823
Fair value change on derivatives — — — — 716 716 — 716 Share of fair value change on derivatives of affiliates — — — — — 716 716 — 716 716 — 716 716 — 716 716 — 716 716 — 716 716 — 716 716 — 716 716 — 716 716 — 716 716 — 716 316	Disposal of subsidiary	_	_	_	_	_	_		_	(1,268)	(1,268)
Share of fair value change on derivatives of affiliates		_	_	_	_	_	_			—	
Share of fair value change on derivatives of affiliates	Fair value change on derivatives	-	_	-	-		_	716		-	716
Balance at December 31, 2022 64,506,055 835,543 1,127 1,275,520 (170,551) 1,941,639 365,055 2,306,694		—	—	_	_	-	_	3,754	3,754	-	3,754
	Balance at December 31, 2022	64,506,055	835,543	_	_	1,127	1,275,520	(170,551)	1,941,639	365,055	2,306,694

(1) Following the share repurchase plan authorized by the Board of Directors on December 9, 2019, the Company repurchased 91,424 and 289,906 outstanding shares with total costs of \$2,000 and \$3,963 in January 2020 and March 2020, respectively. The Company retired all outstanding shares repurchased during 2020.

(2) The Company completed capital raise of RMB1.78 billion (approximately \$261,332) for CSI Solar Co., Ltd. in 2020 to qualify it for the planned carve-out IPO in China and bring in leading institutional investors and strategic partners. Refer to Note 1 to the consolidated financial statements for further information.

(3) Represented proceeds from "at-the-market" offering of 3,639,918 shares of common shares in 2021, net of commissions and offering expenses of \$1,490.

Canadian Solar Inc. Consolidated Statements of Cash Flows

	Years Ended Dec	Years Ended December 31,		
	2020 2021	2022		
	(In Thousands of	J.S. Dollars)		
Operating activities:				
Net income	147,246 1	09,876 298,555		
Adjustments to net income:				
Depreciation and amortization		82,769 234,559		
Accretion of convertible notes	388	1,461 1,302		
Loss (gain) on disposal of property, plant and equipment	(253)	83 (4,259		
Gain on disposal of solar power systems		10,091)		
Gain on disposal of investments in affiliates		10,392) —		
Impairment loss of property, plant and equipment	11,854	6,084 60,330		
Impairment loss of project assets		17,152 1,674		
Impairment loss of investments in affiliates	24,060	- 357		
Loss (gain) on change in fair value of derivatives, net	(50,001) (23,785) 44,489		
Equity in earnings of affiliates		(7,256) (15,440		
Allowance for credit losses	9,874	7,615 5,773		
Non-cash operating lease expenses		14,321 13,200		
Write-down of inventories	42.907	14,070 7,475		
Share-based compensation	12,350	8,808 9,37		
Unrealized gain (loss) from sales to affiliates		35,890 5,97		
Derecognition of interest rate swap	4,439			
Deferred taxes		67,386) 16,90		
Changes in operating assets and liabilities:	(
Accounts receivable trade	65,379 (2	84,785) (357,276		
Accounts receivable, unbilled		(8,783) (23,36)		
Amounts due from related parties		68,912) (4,45)		
Inventories		18,741) (406,34)		
Value added tax recoverable		21,873) (43,88		
Advances to suppliers		30,416) (52,893		
Project assets		73,375) (302,839		
Prepaid expenses and other current assets		85,754) 151,663		
Other non-current assets		20,357 (17,350		
Accounts payable		11.023 351.53		
Short-term notes payable		50,982 721,039		
Amounts due to related parties	(9,773)	(171) (5		
Other payables		26,215 (41)		
Advances from customers		53,998) 209,855		
Operating lease liabilities		14,156) 209,853 (14,16)		
Other liabilities		51,248 68,492		
Liability for uncertain tax positions		(7,281) $(1,713)$		
Net settlement of derivatives		31,886 (31,85)		
Loss contingency accruals		10,939) (9,625		
Net cash provided by (used in) operating activities	(120,541) (4	08,254) 916,631		

Canadian Solar Inc. Consolidated Statements of Cash Flows (continued)

	Yea	Years Ended December 31,		
	2020	2021	2022	
	(In Ti	housands of U.S. Dollars)		
Investing activities:				
Investments in affiliates	(17,758)	(54,004)	(19,355)	
Return of capital from affiliates	—	2,671	7,083	
Proceeds from disposal of investments in affiliates	33,037	14,311	_	
Purchase of property, plant and equipment	(334,781)	(428,725)	(627,115)	
Proceeds from disposal of property, plant and equipment	_	18,555	7,479	
Purchase of solar power systems	(160)	(775)	(882)	
Proceeds from disposal of solar power systems		18,397	2,302	
Net cash used in investing activities	(319,662)	(429,570)	(630,488)	
Financing activities:				
Proceeds from short-term borrowings	1,667,703	1,742,064	1,387,537	
Repayment of short-term borrowings	(1,561,597)	(1,879,884)	(1,695,563)	
Proceeds from long-term borrowings	207,632	588,082	770,368	
Acquisition of non-controlling interests		(10,719)	_	
Proceeds from non-controlling interests	261,332	10,003	15,109	
Repayment to non-controlling interests	_	(6,588)	_	
Net proceeds from issuance of common shares	—	148,510		
Proceeds from (repayment of) third party financing liabilities	6,419	_	(29,595)	
Proceeds from sales-leaseback arrangement	9,945	45,693	—	
Repayments of finance lease obligation	(22,173)	(23,090)	(19,217)	
Net proceeds from issuance of convertible notes	222,826	—	—	
Proceeds from subscription of employee stock ownership plan	36,342	_	_	
Proceeds from exercise of stock options	1,035	_	_	
Payments for repurchase of common shares	(5,963)		_	
Net cash provided by financing activities	823,501	614,071	428,639	
Effect of exchange rate changes	50,997	18,320	(179,561)	
Net increase (decrease) in cash, cash equivalents and restricted cash	434,295	(205,433)	535,221	
Cash, cash equivalents and restricted cash at the beginning of the year	1.205.420	1,639,715	1,434,282	
Cash, cash equivalents and restricted cash at the end of the year	1,639,715	1,434,282	1,969,503	
Supplemental disclosure of cash flow information:				
Suppendicital use oscillator de las novembrandon. Interest paid (net of amounts capitalized)	78,747	71.006	76,511	
Income taxes paid, net of tax refund	38,193	57,396	77,400	
Supplemental schedule of non-cash activities:	58,175	57,590	77,400	
Supported a solution of non-cast included in other payables	244.512	299,664	549.883	
roperty plan and equipment costs mendeed in other payables	244,012	277,004	547,505	

The following table provides a reconciliation of cash, cash equivalents, and restricted cash reported within the balance sheets that sum to the total of the same such amounts shown in the statements of cash flows.

	At Dec	At December 31,	
	2021	2022	
	(In Thousand	s of U.S. Dollars)	
Cash and cash equivalents	869,831	981,434	
Restricted cash — current	560,633	978,116	
Restricted cash — non-current	3,818	9,953	
Total cash and cash equivalents, and restricted cash shown in the statements of cash flows	1,434,282	1,969,503	