FIRST SOLAR, INC. Form SC 13G/A February 11, 2014

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.3) *
FIRST SOLAR, INC.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
336433107
(CUSIP Number)
December 31, 2013
(Date Of Event which Requires Filing of this Statement

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [x] Rule 13d-1(b)
 [] Rule 13d-1(c)
 [] Rule 13d-1(d)
- * The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1745 (3-06)

CUSIP	No.3364331	07			13G		Page 2	of 8	Pages
1.			NG PERSON: CATION NO.		VE PERSON:				
	Morgan St I.R.S. #3	_	972						
2.	CHECK THE	APPRO	PRIATE BOX	K IF A M	EMBER OF A	GROUP:			
	(a) []								
	(b) []								
3.	SEC USE O	NLY:							
4.			PLACE OF C						
			ganizatior						
S	BER OF SHARES		SOLE VOTI 4,013,054						
OW	BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:		SHARED VC	OTING PO					
			SOLE DISE 4,059,805		POWER:				
		8.	SHARED DI	ISPOSITI	VE POWER:				
9.	AGGREGATE 4,059,805	AMOUN	T BENEFICI	IALLY OW	NED BY EACH	REPORTING	PERSON:		
10.	CHECK BOX	IF TH	E AGGREGAT	ΓΕ AMOUN	T IN ROW (9)) EXCLUDES	CERTAIN	SHARE	 Es:
	[]								
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 4.1%								
12.	TYPE OF REPORTING PERSON: HC, CO								
CUSIP	No.3364331	07			13G		Page 3	of 8	Pages
1.	NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON:								
	Morgan St I.R.S. #		Investment 0307	. Manage	ment Inc.				
2.	CHECK THE	APPRO	PRIATE BOX	 K IF A M	EMBER OF A	GROUP:			

	(a) []							
	(b) []							
3.	SEC USE O	NLY:						
4.	CITIZENSH	IP OR P	LACE OF ORGA	ANIZATION:				
	The state	of org	anization is	s Delaware.				
S	HARES		SOLE VOTING 4,013,054	POWER:				
OW	EACH	6. SHARED VOTING POWER:						
P	ORTING ERSON WITH:		7. SOLE DISPOSITIVE POWER: 4,059,805					
			SHARED DISPO	OSITIVE POWER	: :			
9.	AGGREGATE 4,059,805	AMOUNT	BENEFICIALI	LY OWNED BY E	ACH REPORTII	NG PERSON:		
10.	CHECK BOX	IF THE	AGGREGATE A	AMOUNT IN ROW	(9) EXCLUDI	ES CERTAIN	SHARES	3:
11.		 F CLASS	REPRESENTEI	D BY AMOUNT I	N ROW (9):			
12.	TYPE OF R	EPORTIN	G PERSON:					
CUSIP	No.3364331	07 		13G		Page	4 of 8	Pages
Item 1	. (a)	Name	of Issuer:					
		FIRST	SOLAR, INC.					
	(b)	Addre	ss of Issue	r's Principal	Executive (Offices:		
		SUITE TEMPE	AZ 85281	TON STREET				
Item 2	. (a)	Name	of Person Fi	iling:				
			organ Stanle organ Stanle	ey ey Investment	Management	Inc.		
	(b)	 Addre	ss of Princi	ipal Business	Office, or	if None,	 Resider	 nce:
		(1) 1	585 Broadway	7				

	New York, NY 10036 (2) 522 Fifth Avenue New York, NY 10036
(c)	Citizenship:
	(1) The state of organization is Delaware.(2) The state of organization is Delaware.
(d)	Title of Class of Securities:
	Common Stock
(e)	CUSIP Number:
	336433107
	is statement is filed pursuant to Sections 240.13d-1(b) or 3d-2(b) or (c), check whether the person filing is a:
(a) [] Broker or dealer registered under Section 15 of the Act (15 U.S.C. 780).
] (d)] Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
(c) [] Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
(d) [] Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
(e) [:	An investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E); Morgan Stanley Investment Management Inc.
(f) [] An employee benefit plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F);
(g) [:	A parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G); Morgan Stanley
(h) [] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
(i) [] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
] (ز)] Group, in accordance with Section 13d-1(b)(1)(ii)(J).

Item 4. Ownership as of December 31, 2013.*

(a) Amount beneficially owned: See the response(s) to Item 9 on the attached cover page(s).

CUSIP No.336433107 13-G Page 5 of 8 Pages

- (b) Percent of Class: See the response(s) to Item 11 on the attached cover page(s).
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote:
 See the response(s) to Item 5 on the attached cover page(s).
 - (ii) Shared power to vote or to direct the vote: See the response(s) to Item 6 on the attached cover page(s).
 - (iii) Sole power to dispose or to direct the disposition of:
 See the response(s) to Item 7 on the attached cover page(s).
 - (iv) Shared power to dispose or to direct the disposition of: See the response(s) to Item 8 on the attached cover page(s).
- Item 5. Ownership of Five Percent or Less of a Class.
 - (1) As of the date hereof, Morgan Stanley has ceased to be the beneficial owner of more than five percent of the class of securities.
 - (2) As of the date hereof, Morgan Stanley Investment Management Inc. has ceased to be the beneficial owner of more than five percent of the class of securities.
- Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

 Not Applicable
- Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company.

See Exhibit 99.2

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

* In Accordance with the Securities and Exchange Commission Release No. 34-39538 (January 12, 1998) (the "Release"), this filing reflects the securities beneficially owned, or that may be deemed to be beneficially owned, by certain operating units (collectively, the "MS Reporting Units") of Morgan Stanley and its subsidiaries and affiliates (collectively, "MS"). This filing does not reflect securities, if any, beneficially owned by any operating units of MS whose ownership of securities is disaggregated from that of the MS

Reporting Units in accordance with the Release.

CUSIP No.33	6433107	13-G	Page 6 of 8 Pages			
		Signature.				
		and to the best of my knowled forth in this statement is tr				
Date:	February 11, 2	2014				
Signature:	/s/ Marielle (Giudice				
Name/Title:	Marielle Giud	ice/Authorized Signatory, Mor	gan Stanley			
	MORGAN STANLE	 (
Date:	February 11, 2	2014				
Signature:	/s/ Stefanie (Chang Yu				
Name/Title:	Name/Title: Stefanie Chang Yu/Chief Compliance Officer, Morgan Stanley Investment Management Inc.					
MORGAN STANLEY INVESTMENT MANAGEMENT INC.						
EXHIBIT NO.		EXHIBITS	PAGE			
99.1		Joint Filing Agreement	7			
99.2		Item 7 Information	8			
		misstatements or omissions o	f fact constitute federal			
CUSIP No.33		13-G	Page 7 of 8 Pages			
	EXI	HIBIT NO. 99.1 TO SCHEDULE 13 JOINT FILING AGREEMENT	G 			

February 11, 2014

6

MORGAN STANLEY and MORGAN STANLEY INVESTMENT MANAGEMENT INC., hereby agree that, unless differentiated, this

Schedule 13G is filed on behalf of each of the parties.

MORGAN STANLEY

BY: /s/ Marielle Giudice

Marielle Giudice/Authorized Signatory, Morgan Stanley

MORGAN STANLEY INVESTMENT MANAGEMENT INC.

BY: /s/ Stefanie Chang Yu

Stefanie Chang Yu/Chief Compliance Officer, Morgan Stanley
Investment Management Inc.

 * Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

CUSIP No.336433107

13-G

Page 8 of 8 Pages

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EXHIBIT NO. 99.2

ITEM 7 INFORMATION

The securities being reported on by Morgan Stanley as a parent holding company are owned, or may be deemed to be beneficially owned, by Morgan Stanley Investment Management Inc., an investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E) as amended. Morgan Stanley Investment Management Inc. is a wholly-owned subsidiary of Morgan Stanley.